

JOURNAL OF ANATOMY

INDEX TO THE FIRST 100 YEARS
1866-1966

Compiled by
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CAMBRIDGE
AT THE UNIVERSITY PRESS
1968

Published by the Syndics of the Cambridge University Press
Bentley House, 200 Euston Road, London, N.W. 1
American Branch: 32 East 57th Street, New York, N.Y. 10022

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Library of Congress Catalogue Card Number: 67-12144

Printed in Great Britain at the University Printing House, Cambridge
(Brooke Crutchley, University Printer)

CONTENTS

Foreword by Professor D. V. Davies	<i>page</i> vii
Preface and Introduction	ix
Acknowledgements	xii
List of volume numbers and years	xiii
Abbreviations	xiv

INDEX TO THE FIRST 100 YEARS, 1866-1966

Author index	i
Subject index	209

FOREWORD

To mark the centenary of the *Journal of Anatomy*, the Anatomical Society of Great Britain and Ireland decided to publish a comprehensive index of the first hundred volumes. In the furtherance of this aim the Society was fortunate to enlist the help of Mrs D. Blake, a medical librarian of considerable experience, and of Professor R. E. M. Bowden, who has collaborated at all stages and given freely of her expert advice and experience. The Society owes them an immense debt of gratitude for the work has been arduous and long. The Society also acknowledges with thanks the help which has been obtained from all quarters and, in particular, the generous financial assistance from the Royal Society. Without this the project would have been of much more limited extent, if not impossible.

A comprehensive index, such as this, does not emerge ready-made from the indices of the individual volumes; nor have earlier indices, each covering some ten or twenty volumes, contributed to the format nor to the content of the compilation. In a living and growing subject new terms are being continually coined and many of the older terms are revised and rationalized. The indices of the individual volumes inevitably bear the imprints of the successive editors and lack uniformity. Therefore in the compilation of this index every article, whether a report of original work, a review, or a discussion, has been scanned. Many subjects are included which are not obvious from the titles of the articles. There were originally about 40,000 entries, but careful editing has reduced this number considerably. This, however, gives an inadequate idea of the task which has been accomplished by the compilers and printers in the publication of this index.

No universal agreement can be expected on the detailed arrangement or the precise entries in such a compilation; nor can its quality be fully assessed except by repeated use. The Council of the Anatomical Society, however, has reason to be confident that the index forms a contribution of lasting value, not only to anatomists but to biologists generally and to historians, for herein is a guide to a hundred years of British anatomy.

D. V. DAVIES
*President,
Anatomical Society of
Great Britain and Ireland*

PREFACE AND INTRODUCTION

The *Journal* was first published in 1866, two years after the demise of the *Natural History Review*. The first Editorial Board consisted of the co-founders of the *Journal*, Sir William Turner (whose contributions fill four columns of the present Index) and Sir George M. Humphry, successively Professor of Anatomy and of Surgery in Cambridge. They were assisted by J. W. Clark, Superintendent of the University Museum of Zoology and Comparative Anatomy, Cambridge; Alfred Newton, Professor of Zoology, in the University of Cambridge; and Percival Wright, Lecturer in Zoology in the University of Dublin. Newton and Wright also served on the Board of the *Natural History Review*.

Early volumes covered many biological interests, only partially reflected in the title, *Journal of Anatomy and Physiology, Normal and Pathological*. Zoology, comparative anatomy and embryology, reports on congenital malformations and variations were to be expected in the early post-Darwinian period. There were numerous papers and reports on blood, circulation, respiration and the physiological effects of venoms, crude and purified preparations of drugs, including one on the effects of claret (5, 391-2). Volumes 14 and 15 were mainly devoted to pathology.

The Physiological Society was founded in 1876 and the *Journal of Physiology* appeared in 1878. In 1889, C. B. Lockwood founded the Anatomical Society of Great Britain and Ireland. Relations between the two Societies were cordial and Charles Sherrington was on the Council of the Anatomical Society in 1894. Inevitably, the number of physiological and pharmacological papers submitted declined steadily. Finally, forty-nine years after its inception, the title of the *Journal* was changed. In 1916 it became the *Journal of Anatomy*, and the Anatomical Society assumed sole responsibility for its publication.

Brief histories of the Society and the *Journal* are found in the prefaces to Volumes 40 and 100, and a few notes are found in Volume 73, 640. Many additional interesting and amusing facts about the development of the subject and society have emerged during the compilation of the present index.

During the past 100 years techniques of demonstration have advanced from wax-plate reconstructions to the use of photography (1890, 24, i-ii, P), X-rays (1897, 31, 59-79), firstly for gross specimens and later for microscopy, the use of isotopes and autoradiography in functional studies, electron microscopy, electronic recording and closed-circuit television (1959, 93, 570).

Controversial topics have included the Swanscombe and Piltdown skulls and the status of australopithecine fossils.

Reports of purely descriptive gross anatomy and of histology are now increasingly outnumbered by detailed accounts of morphological and functional studies of cells.

In the earlier numbers massive reports on European literature were contributed by several people, amongst them Sir William Turner (Volumes 1-10 inclusive) and William Rutherford (Volumes 1-4 inclusive and 6 and 7). These abstracts included a reference to a tentative hypothesis that the transmission of the nerve impulse

might be due to chemical factors (3, 193). Windle provided an encyclopaedic report on the literature on teratology in Volumes 25-44 inclusive.

In March 1889 Macalister (23, xix, P.) suggested that unclaimed bodies should belong to the Secretary of State. In the same meeting he inaugurated a scheme of collective investigation by different medical schools (23, xix, P.). A good deal of useful factual information was accumulated in this way (e.g. 29, 52-8; 31, 38-44, 621-3; 32, 172-7). The last investigation of this nature was reported by Barlow in 1955 (89, 560).

Proceedings of the Society were first published in 1887 in Volume 22. In addition to proceedings of meetings and symposia held jointly with other societies (e.g. 96, 547-8; 100, 921-3) the *Journal* reported those of the Aberdeen University Anatomical and Anthropological Society (35, 268; 36, 93-4, 421-3), and since 1963 the Proceedings of the Anatomical Society of Australia and New Zealand. Discussions were often forthright, but there is a seemly absence of any record of the serious divergence of views which led to the publication of separate Proceedings from May 1921 to February 1925. It is regrettable that discussions can no longer be reported.

There have been many alterations in the style and form of contributions. Gaskell's work 'On the origin of Vertebrates deduced from the study of Ammonoites' which appeared in 13 parts and occupied over 300 pages would now almost certainly be published as a monograph. Bibliographies were sometimes omitted, given as footnotes throughout the text or as a list with no particular convention. Originally papers often made no reference to the numbers of specimens examined. Brevity, conformity and numerical exactitude have been gained by stricter editorial discipline, but the personalities of authors and officers no longer emerge from their writings with the warmth and dignity found in the more expansive past. The first woman to publish in the *Journal* was Frances Hoggan, joint author with her husband (15, 121-36). In November 1893 'Mr Stanley Boyd gave notice that he should at the next meeting propose two ladies as members of the Society' (28, ii, P.). In 1894 Mrs Percy Fleming, M.D. (wife of the Secretary,) and Miss A. F. Piercey, M.B. (Lond.), both of the London School of Medicine for Women, were proposed by Stanley Boyd, J. D. Cunningham and Alex Macalister (28, xv, P.), and duly elected in May. In May 1895 Mrs E. E. Fleming, using her own initials on this occasion, was the first woman to read a paper before the Society (29, xxiii-iv, P.). The scientific and social history of the Society, its relations to other disciplines and the influence of technical advances merit serious study, but in passing did much to enliven the indexers' task.

Many technical problems have been encountered. The less strict conventions of editing, printing and style in earlier volumes caused many difficulties and account for some of the inconsistencies which remain. For instance, the author's initials might or might not have been included. An example of this is found under Bernstein. The first entry without an initial could have been attributed either to Bernstein, J., or to Bernstein, N. O., contemporaries with similar interests. Many French authors appeared with the initial M. and Germans with H. The same European name was spelt in a variety of ways. The significance of the initials of the French and Germans soon became apparent. The variants in the names have been

cross-referenced where evidence allowed but in other cases they have had to be left as given.

More serious problems have arisen in relation to anatomical nomenclature and zoological classification. The *Journal* began before there was an accepted anatomical nomenclature. In February 1894 J. D. Cunningham, the President, stressed the need for an internationally agreed nomenclature and reported that a nomenclature committee had been set up in Berlin at an Anatomical Congress. The *Journal* has lived to see the *Basle Nomina Anatomica* (B.N.A. 1895), the Birmingham Revision (B.R. 1933), the *Jena Nomina Anatomica* (J.N.A. 1936), and the *Paris Nomina Anatomica* (P.N.A. 1955) which was drawn up by the International Anatomical Nomenclature Committee convened in 1950 in Oxford. The subsequent revisions of the P.N.A. are in the 3rd edition of the *Nomina Anatomica* published in 1963. Where practicable the 1955 P.N.A. was used because compilation of the 100-year index began in 1957.

Zoological classifications have undergone modification; for instance, the ordinal status of *Tupaia* has changed from insectivore to primate. *The Principles of Classification and a Classification of Mammals* by G. G. Simpson, 1945 (*Bull. Am. Mus. Nat. Hist.*), and *A Classification of Living Animals* by Lord Rothschild, 1961 (Longmans), and numerous colleagues have been consulted. General papers dealing with particular animals are listed under the name of the animal as given in the paper. Cross-reference is made to the full zoological name if sufficient evidence is available. It would have been too cumbersome to list under the name of each animal every paper dealing with a system, a part or an organ used in descriptive or in experimental work. However, the name of the animal is given in parenthesis after each subject entry, e.g.

Arteries, named

carotid, and subclavian, mode of origin, from arch of aorta in primates (Keith) 29, 453-8 (*man, gorilla, orang, gibbon, Semnopithecus, Macacus, Mycetes, Ateles*)

If no animal is mentioned, it has been assumed that the work refers to man.

Arteries, muscles, nerves and veins are divided into subdivisions, e.g. Arteries, general; Arteries, named; Muscles, general; Muscles, named; Muscles of organs and regions; Muscles, whole system; and so on.

Users are therefore advised to look under several headings before abandoning the search for a particular subject or animal.

With the exception of Reports, in the Author Index the title of each paper is given exactly as it appears in the original. Reviews of books have been entered under author and subject headings, and obituaries are given in alphabetical order of the name of the deceased in the subject section. The names of the writers of reviews and of obituaries are omitted for the sake of space and also for uniformity because, in the past, many of these articles were either unsigned or only initialled.

For these and other reasons, we appreciate that some users will be disappointed and will disagree with certain of our decisions, for which we take full responsibility.

D.B.
R.E.M.B.

ACKNOWLEDGEMENTS

We are grateful to the Cambridge University Press for their unfailing patience and understanding, and for their technical experience, knowledge and skill which have been generously given.

Our thanks are due to the Librarians and their staffs at King's College Hospital Medical School; the Medical Research Council; the Royal College of Surgeons of England; the Royal Free Hospital School of Medicine; the Royal Postgraduate Medical School; the Royal Society of Medicine; St Bartholomew's Hospital Medical College; St Mary's Hospital Medical School; and the Wellcome Historical Medical Libraries; to many members of the Anatomical Society, especially Professors A. J. E. Cave, D. V. Davies, W. J. Hamilton, Richard J. Harrison and E. W. Walls; Drs Angus d'A. Bellairs and John Russell Napier; Sir Francis C. Fraser, F.R.S.; and members of the scientific staff of the British Museum (Natural History). Acknowledgement is also due to our families, especially to Roy Blake, colleagues and friends whose co-operation and forbearance have made this work possible. They will find it difficult to believe that those precious cards may now not only be touched, but also shuffled and even destroyed.

D.B.

R.E.M.B.

LIST OF VOLUME NUMBERS AND YEARS

Volume number	Year	Volume number	Year	Volume number	Year
1	1866-67	35	1900-01	68	1933-34
2	1867-68	36	1901-02	69	1934-35
3	1868-69	37	1902-03	70	1935-36
4	1869-70	38	1903-04	71	1936-37
5	1870-71	39	1904-05	72	1937-38
6	1871-72	40	1905-06	73	1938-39
7	1872-73	41	1906-07	74	1939-40
8	1873-74	42	1907-08	75	1940-41
9	1874-75	43	1908-09	76	1941-42
10	1875-76	44	1909-10	77	1942-43
11	1876-77	45	1910-11	78	1944
12	1877-78	46	1911-12	79	1945
13	1878-79	47	1912-13	80	1946
14	1879-80	48	1913-14	81	1947
15	1880-81	49	1914-15	82	1948
16	1881-82	50	1915-16	83	1949
17	1882-83	51	1916-17	84	1950
18	1883-84	52	1917-18	85	1951
19	1884-85	53	1918-19	86	1952
20	1885-86	54	1919-20	87	1953
21	1886-87	55	1920-21	88	1954
22	1887-88	56	1921-22	89	1955
23	1888-89	57	1922-23	90	1956
24	1889-90	58	1923-24	91	1957
25	1890-91	59	1924-25	92	1958
26	1891-92	60	1925-26	93	1959
27	1892-93	61	1926-27	94	1960
28	1893-94	62	1927-28	95	1961
29	1894-95	63	1928-29	96	1962
30	1895-96	64	1929-30	97	1963
31	1896-97	65	1930-31	98	1964
32	1897-98	66	1931-32	99	1965
33	1898-99	67	1932-33	100	1966
34	1899-1900				

ABBREVIATIONS

abs. Abstract

A.U.A.A.S. Aberdeen University Anatomical and Anthropological Society

anat. not. Anatomical Notice

dem. Demonstration

disc. Discussion

n. Notices of recent Dutch and Scandinavian contributions to anatomical and physiological science by W. D. Moore

P. Proceedings

P.A.S.A.N.Z. Proceedings of the Anatomical Society of Australia and New Zealand

rep. Report

rev. Book review

S.M.S. Scottish Microscopical Society

S.P. Separate Proceedings

t.o. Title only

AUTHOR INDEX

- Aasar, Y. H.**, The history of the prochordal plate in the rabbit, 66, 14-45
 Prochordal plate in the rabbit, 66, 153, *P.*
 A peculiar relation of the femoral head of the biceps femoris to the common peroneal nerve, 72, 305, *anat. not.*
 A case of unusual arrangement of the gut, 72, 579-83
 Three cases of fusion of axis with third cervical vertebra, 72, 634-5, *anat. not.*
 The saphenous artery, 73, 194, *anat. not.*
Abadie, Congenital fistula of the neck, 38, 366, *rep.*
 Cyst of the posterior wall of the vagina, 38, 370, *rep.*
 Abnormality of the forearm, 38, 371, *rep.*
Abbie, A. A., The blood supply of the lateral geniculate body, with a note on the morphology of the choroidal arteries, 67, 491-521
 Choroidal arteries, 68, 133, *P. (disc. only)*
 The morphology of the fore-brain arteries, with especial reference to the evolution of the basal ganglia, 68, 433-70
 The projection of the forebrain on the pons and cerebellum, 69, 144, *P.*
 Some observations on the major subdivisions of the marsupialia, with especial reference to the position of the Peramelidae and Caenolestidae, 71, 429-36
The principles of anatomy, an introduction to human biology, 2nd ed. 1946. 81, 121, *rev.*
 Headform and human evolution, 81, 233-58
 Closure of cranial articulations in the skull of the Australian aborigine, 84, 1-12
see also Shellshear, J. L.
Abbott, on abnormality of the sternum and diaphragm, 33, 680 (*ref. only*)
Abbott, F. C., Specimen of right aortic arch, 26, xiii-xv, *P.*; Specimen of left aortic arch, with abnormal arrangement of the branches, 26, xv, *P.*; Specimen of pulmonary valve with 4 segments, 26, xv, *P.*
Abbott, H. K., Case of abnormal arrangement of aortic valves, 38, 103
Abdalla, A. B. E. & Harrison, R. G., Observations on the reaction of tubular bone to venous stasis, 100, 627-38
Abd-el-Malek, Shafik, Encéphalocele in the nasal region, 66, 264-7
 On the localization of nerve centres of the extrinsic ocular muscles in the oculomotor nucleus, 72, 518-23
 On the presence of sensory fibres in the ocular nerves, 72, 524-30
 A contribution to the study of the movements of the tongue in animals, with special reference to the cat, 73, 15-30
 Observations on the morphology of the human tongue, 73, 201-10
 On the relationship between the epiphysis cerebri and the reproductive system, 73, 419-23
 The part played by the tongue in mastication and deglutition, 89, 250-4
Abderhalden, Emil, editor, *Handbuch der biologischen Arbeitsmethoden*, 1926. 61, 151-2, *rev.*; 1927. 62, 519, *rev.*
Abel, Williamina, Further observations on the development of the sympathetic nervous system in the chick, 47, 35-72
 The arrangement of the longitudinal and circular musculature at the upper end of the oesophagus, 47, 381-90
Abeles, on glycogen, 13, 239-40, *rep.*
 on sugar-producing ferments in the animal organism, 11, 563, *rep.*
Abelsdorff, on the eyes of Malays, Mongols and Negroes, 33, 685 (*ref. only*)
Abercrombie, M., Ambrose, E. J., Easty, D. M., & Heaysman, J. E. M., Interference microscopy of cells in tissue culture, 89, 575, *P.*
 —, **Evans, D. H. L. & Murray, J. G.**, Nuclear multiplication and cell migration in degenerating unmyelinated nerves, 93, 9-14
 —, **James, D. W. & Newcombe, J. F.**, The mechanism of wound contraction in rabbits, 93, 586, *P.*
 Wound contraction in rabbit skin, studied by splinting the wound margins, 94, 170-82
 — & **Johnson, M. L.**, Quantitative histology of Wallerian degeneration. I. Nuclear population in rabbit sciatic nerve, 80, 37-50
Abou-el-naga, I., *see* Tarkhan, A. A.
Abrahám, A., *Die mikroskopische Innervation des Herzens und der Blutgefäße von Vertebraten*, 1964. 99, 404, *rev.*
Abraham, P. S., On an anomalous growth bearing pilose skin in the pharynx of a young woman, 15, 244-8
see also Franks, K.
Abram, on a case of cleido-cranial dysostosis, 43, 124, *rep.*
Abramow, S., *see* Herrath, E. von
Abramson, D. I. editor, *Blood vessels and lymphatics*, 1962. 97, 294-5, *rev.*
 — & **Eisenberg, H. J.**, The coronary blood supply in the rhesus monkey, 69, 520-5
 — & **Margolin, S.**, A Purkinje conduction network in the myocardium of the mammalian ventricles, 70, 250-9
Acheson, R. M., A method of assessing skeletal maturity from radiographs, 88, 498-508
 Effects of starvation, septicaemia and chronic illness on the growth cartilage plate and metaphysis of the immature rat, 93, 123-30
 — & **Archer, Mavis**, Radiological studies of the growth of the pituitary fossa in man, 93, 52-67
Achscharumow, on actions of aconitine, 1, 154, *rep.*
Ackermann, on loss of temperature, 6, 486, *rep.*
 on effect of digitalis in oedema, 6, 500, *rep.*
 on mode of action of digitalin on heart, 8, 227, *rep.*
Ackroyd, W., On the movements of the iris, 13, 146-8
Adachi, B., *Das Arteriensystem der Japaner*, Banden I and II, 1928. 66, 434-5, *rev.*
Adae, M., on temperature of peripheral parts [upper limb], 11, 570, *rep.*
Adal, M. N. & Barker, D., Motor supply to hindlimb muscles of the cat and rabbit, 99, 918-19, *P.*
Adami, The great omentum, 33, 212, *abs.*
Adamkiewicz, A., on colour reaction of albumin, 9, 234, *rep.*
 on physical properties of muscular substance, 9, 245, *rep.*
 on analogies of Dulong-Petit's law in animals, 11, 570, *rep.*
 on homothermy in higher animals, 11, 570, *rep.*
 on the thermal conductivity of muscles, 11, 570, *rep.*

Author Index

- Adams, C. W. M.**, editor, *Neurohistochemistry*, 1965. 100, 676-7, rev.
- Adams, D.**, The blood supply to the enamel organ of the rodent incisor, 95, 454, P.
- The vascularity of the developing pulp in teeth of limited growth, 95, 616, P.
- The effect of thymus shielding on the bone marrow in irradiated guinea-pigs, 99, 208-9, P.
- Studies on the fate of thymocytes in young adult guinea-pigs and rats, 100, 422, P.
- & **Main, J. H. P.**, Observations on blood vessels to enamel organ of the rat incisor using tritiated thymidine, 97, 148, P.
- Adams, D. J.**, The vascularization of the rat pancreas, 86, 479, P.
- & **Harrison, R. G.**, The vascularization of the rat pancreas and the effect of ischaemia on the islets of Langerhans, 87, 257-67
- see also Braithwaite, J. L.
- Braithwaite, J. L. & Jones, R. O.
- Adams, S. B., Wheeler, J. F. G. & Edgeworth, F. H.**, On the innervation of the platysma and the mandibulo-auricularis, 63, 242-52
- Adams, W. E.**, Observations on the avian heart, 73, 668, P.
- The cervical region of the *Lacertilia*, 74, 57-71
- The branchial derivatives of *Lacerta*, 74, 139 (t.o.)
- The blood supply of nerves. I. Historical review, 76, 323-41; II. The effects of exclusion of its regional sources of supply on the sciatic nerve of the rabbit, 77, 243-50
- Observations on the lacertilian sympathetic system, 77, 6-11; 77, 116, P.
- The carotid sinus complex in the hedgehog, *Erinaceus europaeus*, 91, 207-27
- The comparative morphology of the carotid body and carotid sinus*, 1958. 93, 556, rev.
- editor, *Gowland and Cairney's Notes on anatomy*, vol. III, 2nd ed., 1959. 96, 307, rev.
- Fingerprints of the New Zealand Maori, 97, 483-4, P.A.S.A.N.Z.
- & **Schofield, G. C.**, *Gowland and Cairney's Notes on anatomy*, vol. II, 4th ed., 1961. 96, 307, rev.
- see also Durward, A.
- Adamski, M. S.**, see Windle, W. F. & Zeiss, F. R.
- Adamson, L.**, see Cowan, W. M. & Powell, T. P. S.
- Adamük**, on various factors influencing intraocular pressure, 1, 360, rep.
- on the influence of the sympathetic on the intraocular pressure, 2, 192, rep.
- on movements of eyes, 4, 326-7, rep.
- on accommodation, 5, 212, rep.
- & **Woinow**, on colour vision in central and peripheral retina, 6, 473-4, rep.
- see also Kowalevsky & Bernhardt, E.
- Addison, C.**, (later Lord), Topography of the abdominal viscera, 33, 210-12, abs.
- On the topographical anatomy of abdominal viscera in man, especially the gastro-intestinal canal, part I, 33, 565-86; part II, 34, 427-50; 34, li-lii, P. July 1899; part III, 35, 166-204; part IV, 35, 277-304; 37, lxxvii, P.; 38, xxx-xlv, P.
- Adey, W. R. & Meyer, Margaret**, An experimental study of hippocampal afferent pathways from pre-frontal and cingulate areas in the monkey, 86, 58-74
- , **Rudolph, Alice F., Hine, I. F. & Harritt, Nancy J.**, Gleys staining of the monkey hypothalamus: a critical appraisal of normal and experimental material, 92, 219-35
- see also DeLucchi, M. R. & Dennis, B. J.
- Adolph, I.**, on the relation of the 2nd thoracic nerve to the brachial plexus, 33, 353 (ref. only)
- Aebey**, on galvanic stimulation of striped muscle, 3, 217, rep.
- on composition of bones, 6, 464, rep.
- on composition of bone phosphates, 7, 357, rep.
- Aeby, C.**, *Der bau des menschlichen Körpers mit besonderer Rücksicht auf seine morphologische und physiologische Bedeutung; ein Lehrbuch der Anatomie für Ärzte und Studierende*, part I, 1868. 3, 188; part II, 1868. 4, 149, rev.
- on an abnormality of the ribs 3, 195, rep.
- on relation of bone-cartilage to phosphate of lime, 8, 426, rep.
- on joint and atmospheric pressure, 9, 444, rep.
- on sesamoid bones of the human hand, 10, 440-1, rep.
- Afonassieff**, on the origin of lymphatic vessels, 3, 201, rep.
- on function of the cerebral peduncles, 6, 218, rep.
- on constituents of blood combining with oxygen in asphyxia, 8, 196-7, rep.
- & **Pawlow**, on the secretion of the pancreas, 13, 244, rep.
- Agar, A. W.**, Present and future possibilities of electron microscopy, 93, 577, P.
- Ahlfeld**, on amniotic adhesions as cause of congenital abnormalities, 29, 465, rep.
- Ahmed, M.**, see Irvine, G. & Lever, J. D.
- Lever, J. D., Ahmed, M. & Irvine, G.
- Ahmed, Y. Y. & McKenzie, J.**, Changes in motor neurones after administering relaxant and convulsant drugs, 97, 309, P.
- The effect of a muscle relaxant on the growth of the chick embryo, 97, 626, P.
- Ahrens**, A case of foetus included in the ascending mesocolon, 37, 302-3, rep.
- Aievoli**, on a case of urethra duplex, 43, 122, rep.
- Aikin, W. A.**, The separate functions of different parts of the rima glottidis, 36, 253-6
- Ainslie Hollis, W.**, see Hollis, W. Ainslie
- Aird, I.**, The conjoined twins of Kano, 88, 562-3, P.
- Aitchison Robertson, W. G.**, see Robertson, W. G. Aitchison
- Aitken Walker, F. H.**, see Walker, F. H. Aitken
- Aitken, D. Macrae**, A note on the variations of the tibia and astragalus, 39, 489-91
- Aitken, J.**, On a new variety of ocular spectrum, 13, 322-5
- Aitken, J. T.**, The effect of peripheral connexions on the maturation of regenerating nerve fibres, 83, 32-43; 83, 77, P.
- Growth of nerve implants in voluntary muscle, 84, 38-49; 84, 65, P.
- Observations on the larger anterior horn cells in the lumbar region of the cat's spinal cord, 89, 571, P.
- & **Bridger, J. E.**, Neuron size and neuron population density in the lumbosacral region of the cat's spinal cord, 95, 38-53
- , **Causey, G., Joseph J. & Young, J. Z.**, *A manual of human anatomy*, volumes 1-5, 1956-7. 91, 415-16, rev.
- , **Sharman, M. & Young, J. Z.**, Maturation of regenerating nerve fibres with various peripheral connexions, 81, 1-22; 81, 375, P.
- & **Thomas, P. K.**, Retrograde changes in fibre size following nerve section, 96, 121-9
- see also Allbrook, D. B.
- Gwyn, D. G. & Aitken, J. T.
- Shukla, P. L.
- Aitken, P.**, see McWhirter, R. & Shearer, J. S.
- Aitken, R. N. C.**, A histochemical study of the seminal vesicle of the sheep, 89, 430-9
- A histochemical study of the stomach and intestine of the chicken, 92, 453-66

- Aitken, R. N. C., Observations on the development of the seminal vesicles, prostate and bulbourethral glands in the ram, 93, 43-51
 A histochemical study of the accessory genital glands of the boar, 94, 130-42
 — & Johnston, H. S., Observations on the fine structure of the infundibulum of the avian oviduct, 97, 87-99
 see also Johnston, H. S. & Wyburn, G. M.
 Wyburn, G. M., Johnston, H. S. & Aitken, R. N. C.
- Akester, A. R., The comparative anatomy of the respiratory pathways in the domestic fowl (*Gallus domesticus*), pigeon (*Columba livia*) and domestic duck (*Anas platyrhynchos*), 94, 487-505; 94, 582, P.
 Radiographic studies of the renal portal system in the domestic fowl (*Gallus domesticus*), 98, 365-76
 — & Titchen, D. A., Cine-radiographic studies of reticulum and rumen activity in the sheep, during the reticulum and eructation cycles, 98, 297-8, P.
- Akiba, T., *Über die Körperproportionen der japanischen Feten*, Folia anatomica Japonica, 1924, II, 189-220, Oct., 59, 447, rev.
- Al-Abbass, A. H. & Schultz, R. L., Phagocytic activity of the rat placenta, 100, 349-59
- Aladoff, on reaction to electrical stimulation of anterior columns of spinal cord, 5, 210, rep.
 see also Cyon
- Albe-Fessard, D., see Bowsher, D. & Mallart, A.
- Albert, on fever induced by experimental thrombosis and ligation of major blood vessels, 9, 247-8, rep.
 — & Leblond, C. P., Age changes revealed by carbonyl reagents in tissue sections, 83, 183-94
 — & Stricker, on septicaemia, 5, 411, rep.
 on temperature of the heart and lungs, 8, 427, rep.
 on temperature of heart and lungs, 9, 247, rep.
 see also Stricker
- Alberti, P. & Cauna, N., Neurohistological and histochemical observations on nerve-endings in the nose of the hedgehog and mole, 94, 289-90, P.
- Albini, on observations on Thiry's fistula, 7, 187, rep.
- Albrecht, P., On the four intermaxillary bones, 18, 224, anat. not.
 The os intermedium tarsi in mammalia, 18, 224, anat. not.
- Alcock, R. Miss, The peripheral distribution of the cranial nerves of *Ammocoetes*, 33, 131-53
 On proteid digestion in ammocoetes, 33, 612-37
- Alder, A. B., see Crawford, G. N. C. & Edwards, R. G.
- Alderson, Ann M., Diamantopoulos, E. & Downman, C. B. B., Auditory cortex of the seal (*Phoca vitulina*) 94, 506-11
- Alexander, on syncephalus (synotia), 40, 296, rep.
- Alexander, G. F., The ora serrata retinae, 54, 179
- Alexander, R. M., Enterochromaffin cells in developing mice, 100, 949, P.A.S.A.N.Z.
- Alexander, W. A. J., Replies to questions issued by the Anatomical Society of Great Britain and Ireland, 31, 619-23
- Alezais, on oedematous arcadic monster, 26, 432, rep.
 on the diaphragmatic vertebra of Giebel, 33, 679 (ref. only)
 on Taenia semicircularis, 33, 684 (ref. only)
- Alglave, Uterine abnormality, 40, 300, rep.
- Ali, M. Y., Histology of the human nasopharyngeal mucosa, 99, 657-672
- Alix, on disposition of cutaneous papillae 3, 200, rep.
- Allan, A description of a case of human pygmelia, 37, 303, rep.
- Allanson, M., Maintenance of normal structure of the anterior pituitary in castrated male rats by ovarian grafts, 72, 474, P.
- Allbrook, D. B., Characteristics of the East African vertebral column, 88, 559, P.
 Occipital curvature as an indication of physical affinities in Africa, 92, 669-70, P.
 Sexual characteristics of East African pelvic skeletons, 92, 670, P.
 An electron microscopic study of regenerating skeletal muscle, 96, 137-52
 The middle facial skeleton and upper dentition of *Proconsul major*, 100, 946, P.A.S.A.N.Z.
- & Aitken, J. T., Reinnervation of striated muscle after acute ischaemia, 85, 376-90
 The effect of muscle devascularization on motor end-plates, 85, 412, P.
- & Chagula, W. K., Theoretical basis for segmental variations, 90, 586, P.
 The pattern of bone regeneration following limited experimental lesions in primates, 93, 589-90, P.
- , Church, J. C. & Noronha, R. F. X., Role of muscle satellite cells in muscle regeneration in the fruit bat, 100, 936, P.A.S.A.N.Z.
- & Kirkaldy-Willis, W. H., The influence of cartilage implants on repair of the articular surface following experimental excision, 92, 668-9, P.
- , Luck, C. P., & Wright, P. G., Histological observations on the cutaneous glands in hippopotamus, 93, 587-8, P.
 see also Muir, A. R.
 Muir, A. R. & Kanji, A. H. M.
- Allbutt, T. C., Premature menstruation, 1, 184
 The effect of exercise on the bodily temperature, 7, 106-19
- Allchin, W. H., On the preparation of fibrinogen and fibrinoplastin, 2, 278-9
- Allen, on Hawaiian skulls, 33, 356 (ref. only)
- Allen, F. J., On the cause of the twisting of the umbilical cord, illustrated by mechanical models, 26, 300-4
 The function of the urethral bulb, 27, 235-6
- Allen, H., on tertiary occipital condyle and temporo-frontal articulation in man, 3, 196, rep.
 on the autopsy report of Siamese twins (Chang and Eng) 10, 458, rep.
- Allen, W., On the varieties of the atlas in the human subject, and the homologies of its transverse processes, 14, 18-27
 On tertiary occipital condyle, 15, 60-8
 A variety of pulmonary lobation and its relations to the thoracic parietes, as illustrated by comparative anatomy and abnormalities in the human subject, 16, 605-14
 Omphalo-mesenteric remains in mammals, 17, 59-61
- Allis, E. Phelps, The muscles related to the branchial arches in *Raia clavata*, 52, 383-411
 The homologies of the alisphenoids of the sauropsida, 53, 209-22
 On the homologies of the auditory ossicles and the chorda tympani, 53, 363-70
 The constrictor muscles of the branchial arches in *Acanthias blainvillii*, 54, 222-31
 The myodome and the trigemino-facialis chamber in the Coelacanthidae, Rhizodontidae and Palaeoniscidae, 56, 149-54
 The cranial anatomy of *Polypterus*, with special reference to *Polypterus bichir*, 56, 189-94

- Allis, E. Phelps**, Are the polar and trabecular cartilages of vertebrate embryos the pharyngeal elements of the mandibular and premandibular arches? 58, 37-51
- On the homologies of the skull of the Cyclostomata, 58, 256-65
- Is the ramus ophthalmicus profundus the ventral nerve of the premandibular segment? 59, 217-23
- In further explanation of my theory of the polar and trabecular cartilages, 59, 333-5
- On certain features of the orbito-ethmoidal region in the Cyclostomata, Plagiostomi and Teleostomi, 60, 164-72
- On the homologies of the prechordal portion of the skull of the Holocephali, 60, 335-40
- Concerning the homologies of the hyomandibula and preoperculum, 62, 198-220
- Concerning the pituitary fossa, the myodome and the trigemino-facialis chamber in recent gnathostome fishes, 63, 95-141
- Concerning the course of the efferent mandibular artery in *Ceratodus* 63, 282 (correction)
- Concerning the homologies of the hypophysial pit and the polar and trabecular cartilages of fishes, 65, 247-65
- Concerning the mouth opening and certain features of the visceral endoskeleton of *Cephalaspis*, 65, 509-27
- Concerning the nasal apertures, the lachrymal canal and the buccopharyngeal upper lip, 66, 650-8
- The pre-oral gut, the buccal cavity and the buccopharyngeal opening in *Ceratodus*, 66, 659-68
- Concerning the course of the latero-sensory canals in recent fishes, pre-fishes and *Necturus*, 68, 361-415
- On a general pattern of arrangement of the cranial roofing bones in fishes, 69, 233-91
- Comparison of the latero-sensory lines, the snout and cranial roofing bones of the Stegocephali with those in fishes, 70, 293-316
- Concerning the development of the prechordal portion of the vertebrate head, 72, 584-607
- Allison, A. C.**, The stomach in South African insectivora, with notes on the organization of mammalian gastric glands, 82, 249-61
- The histology of the stomach in the insectivora, 83, 69, P.
- The secondary olfactory areas in the human brain, 88, 481-8
- & **Meyer, M.**, Secondary olfactory connexions in monkeys, 84, 63-4, P.
- see also Feindel, W. H.
- Allman, G.**, on homological relations of *Coelenterata*, 6, 448, rep.
- Allman, G. J.**, on genetic successions of zooids, 5, 387, rep.
- Almén**, on xanthin in ox liver, 1, 161, rep.
- Almén, A.**, see Waldenström, J. A.
- Altmanns, K.**, *Zur Kausalen Histogenese des Knorpels: W. Roux's Theorie und die Experimentelle Wirklichkeit*, 1964, 100, 418, rev.
- Altuchoff**, A case of an unusually long vermiform appendix, 37, 308, rep.
- Alverdes, K.**, *Grundlagen der Anatomie*, 1959, 94, 571, rev.
- Alyschewsky**, on diaphragm after section of the phrenic nerve, 9, 425, rep.
- Amado, Silver**, on crystalline structures in thyroid gland, 5, 196, rep.
- Ambrose, E. J.**, see Abercrombie, M., Easty, D. M. & Heaysman, J. E. M.
- Ameuille**, on a case in the interventricular septal defect in one girl aged 16, 42, 137, rep.
- Amez-Droz**, on effects of inhalation, intravenous and subcutaneous injections of amyl nitrite, 8, 221-2, rep.
- Amin, M.**, The course of the phrenic nerve in the embryo, 48, 215-18
- Persistent opening of anterior cloacal depression, 73, 192-3, anat. not.
- Amin, S. A.**, see El-Sheikh, A. S. & Amin, S. A.
- Amoroso, E. C.**, Development of the ostium abdominale tubae in the rabbit, 69, 152, P. (t.o.)
- Tubal transit and rate of cleavage of the dog's ovum, 74, 553-4, P. (disc. only)
- The vascular and endometrial relations of the placenta of the sow, 83, 59, P.
- Allanto-chorionic differentiation in the carnivora, 86, 481-2, P.
- The source and composition of the uterine milk in the mare, 84, 78, P.
- The essential parenchyma of the pig's placenta, 85, 409, P.
- The interaction of the trophoblast and endometrium at the time of implantation in the sheep, 85, 428, P.
- , **Barclay, A. E.**, **Franklin, K. J.**, & **Prichard, M. M. L.**, The nomenclature of the great veins and heart of the eutherian foetus, 76, 224-5, P.
- The bifurcation of the posterior caval channel in the eutherian foetal heart, 76, 240-7
- , **Bell, F. R.**, **King, A. S.** & **Rosenberg, H.**, The aortic and sinus nerves of the lion and badger, 85, 411, P.
- , **Franklin, K. J.**, & **Prichard M. M. L.**, Observations on the cardio-vascular system and lungs of an African elephant foetus, 76, 100-11
- & **Griffiths, W. F. B.**, The living early developmental stages of the domestic mammals, 73, 359, P.
- — & **Hamilton, W. J.**, Tubal journey and rate of cleavage of the goat's ovum, 73, 672, P. (t.o.)
- A living tubal ovum of the horse, 73, 672, P.
- The development of the goat during the first seven days, 76, 228-9, P.
- The early development of the goat, 76, 377-406
- , **Jackson, J. H.** & **Griffiths, W. F. B.**, The development of the cat during the first fourteen days, 80, 216, P.
- & **Mathews, J. H.**, The growth of the grey seal (*Halichoerus grypus* (Fabricius)) 85, 427-8, P.
- & **Murray, C. B.**, Implantation and the yolk-sac placenta in the cat, 84, 71-2, P.
- et al., Tubal and uterine ova of the cow. Cleavage of the goat egg, demonstration, 76, 229, P.
- see also Davies, J. & Dempsey, E. W.
- Griffiths, W. F. B.
- Hamilton, W. J. & Griffiths, W. B.
- Harrison, R. J. & Matthews, L. Harrison
- Lawn, A. M. & Chiquoine, A. D.
- Amory**, on the effects of inhalation of nitrous oxide, 5, 390, rep.
- on physiological and pathological action of hydrocyanic acid, 6, 496, rep.
- & **Webber**, on physiological studies of veratrum viride and veratria, 4, 317, rep.
- Anandaraja, S.**, see Kanagasuntheram, R.
- Ananoff**, on action of oxygen on increased reflex excitability, 9, 218, rep.
- Anbania, R.** & **Prot, J.**, *Radio-anatomie générale de la tête*, 1955, 90, 459-60, rev.
- Ancill, R. J.**, see Yoffey, J. M., Holt, J. A. G. & Owen-Smith, B.
- Yoffey, J. M., Holt J. A. G., Owen-Smith, B. & Herdan, G.
- Anderson**, on anomalies, 33, 681 (ref. only)

- Anderson, E. A., on potassium bromide as an antidote to snake bite, 7, 191, *rep.*
- Anderson, G., *see* Lockhart, R. D.
- Anderson, J., *Anatomical and zoological researches comprising an account of the two expeditions to Western Yunnan*, 1878. 14, 253-6, *rev.*
- Anderson, K., on urea excretion in urine in typhus, 1, 161, *rep.*
- Anderson, R. H., *see* Fisher, A. W. F. & Birks, E. I.
- Anderson, R. J., Notes on a case of abnormal arrangement of the peritoneum, 12, 237-40
- A new abnormality in connection with the vertebral artery, 14, 249-51
- Abnormal arrangement in the thyroid arteries, 14, 353-6
- A variety of the mylopharyngeus and other muscular abnormalities, 14, 357-9
- The presence of an astragalo-scapoid bone in man, 14, 452-5
- A palatine branch from the middle meningeal artery, 15, 136-8
- Notes on a dissection of a case of epispadias, 15, 378-81
- The morphology of the muscles of the tongue and pharynx, 15, 382-91
- Division of the scaphoid bone of the carpus with notes on other varieties, 17, 253-5
- Observations on the diameters of human vertebrae in different regions, 17, 341-4
- A contribution to the anatomy of the Indian elephant, 17, 491-4
- The transverse measurements of human ribs, 18, 171-3
- Note on the peritoneum of the seal, 19, 228-9, *anat. not.*
- A case of exostosis of the ulna, 19, 309-10
- Some notes on the manus of the dugong, 32, 765-7
- A note on the occipito-atloid articulation in some arcroids, 36, 368-71
- Anderson, W., Articular process in the region of the conoid tubercle, 25, v, P.
- A plea for uniformity in the delimitation of the regions of the abdomen, 26, 543-47, 26, xxi, P.
- on the course and relations of the deep branch of the ulnar nerve, 28, x-xii, P.
- The peritoneal relations of the sigmoid flexure of the colon, 31, xxxviii, P. (to)
- An undescribed variation in the course of the iliac portion of the sigmoid colon, 32, ix-xii, P.
- & Makins, G. H., Experiments in cranio-cerebral topography, 23, 455-65, 23, viii-xvi, P.
- The planes of subperitoneal and subpleural connective tissue, with their extensions, 25, 78-86, 24, ix, P.
- Anderson Stuart, T. P., *see* Stuart, T. P. Anderson
- Andrew, Ann, The origin of intramural ganglia. I. The early arrival of precursor cells in the presumptive gut of chick embryos, 98, 421-8
- Andrew, B. L., *see* Macdougall, J. D. B.
- Andrew, W., Cytological changes in senility in the trigeminal ganglion, spinal cord and brain of the mouse, 75, 406-18
- Textbook of comparative histology*, 1959 94, 280-1, *rev.*
- Andrews, G. S., The histology of the human foetal and prepubertal prostates, 85, 44-54
- Andrews, W. H. H., *see* Lozana, I Del Rio
- Andy, Orlando J. & Stephan, H., *The septum of the cat*, 1964 98, 679, *rev.*
- Annan, J. L., Case of an abnormal sinuous aorta, 44, 241-3
- Annamdale, T., on congenital defect of oesophagus, 3, 456, *rep.*
- Anson, B. J., *An atlas of human anatomy*, 2nd. ed. 1963. 98, 138, *rev.*
- , Beaton, L. E. & McDonald, J. J., The origin of the M. pectoralis minor, 72, 629-30, *anat. not.*
- & Maddock, W. G., *revisors, Callander's Surgical anatomy*, 3rd ed., 1952. 87, 90, *rev.*
- see also* Bast, T. H.
- Anstie, F. E., on the sphygmograph, 3, 208, *rep.*
- see also* Sanderson, B.
- Anthony & Salmon, on pygmelia, 37, 303, *rep.*; 40, 297, *rep.*
- Anthony, R., *Anatomie comparée du cerveau*, 1928. 62, 515-16, *rev.*
- & Botez, J., Contribution à l'étude du développement du cerveau de l'ours brun (*Ursus arctos*, L.) 60, 449-59
- & Coupin, F., Le gyrus transversus areae piriformis du cerveau des carnassiers, 59, 113-19
- & Grzybowski, J. de Le neopallium des équidés, étude du développement de ses plissements, 64, 148-69
- Le neopallium du boeuf. Étude de son développement et interprétation de ses plissements, 68, 558-70
- Le neopallium du mouton—étude de son développement et interprétation de ses plissements, 71, 41-53
- see also* Boule, M.
- Anton, A case of absence of both cerebellar hemispheres, 39, 503, *rep.*
- Antonelli, Case of partial defect of the hand, 40, 301, *rep.*
- Apert, E., Achondroplasia, 31, 456, *rep.*
- Congenital absence of aortic orifice, 31, 459, *rep.*
- A case of bifid uvula, 35, 502, *rep.*
- A case of partial fusion between occiput and atlas, 36, 303, *rep.*
- & Brézard, on a child of three months with abnormal heart, 43, 120, *rep.*
- Apolant, proportion of white to red corpuscles after suppuration, 8, 403, *rep.*
- Appajee, Y., Some peculiarities in the histology of the brain of the hedgehog with lantern slides of the drawings made of the sections under the Eddinger apparatus, 70, 196-7, P.
- Appenzeller, O., Electron microscope study of the innervation of the auricular artery in the rat, 98, 87-91
- Appleton Nutter, J., *see* Nutter, J. Appleton
- Appleton, A. B., Descriptions of two brains of natives of India, 45, 85-116
- A case of abnormal distribution of the N. musculocutaneous, with complete absence of the ramus cutaneus N. radialis, 46, 89-94
- Note on a variable feature of the astragalus, 47, 123-42
- On the hypotrochanteric fossa and accessory adductor groove of the primate femur, 56, 295-306
- The relationship of the thigh muscles to the femur in the mammalia, 59, 3-5, S.P.
- Influence of mechanical factors on epiphyseal ossification, 59, 30-2, S.P.
- Identification of the adductor muscles of the thigh in mammals, 59, 32-3, S.P.
- The effect of abnormal posture upon the muscles and limbs of a healthy animal, 59, 40-1, S.P.
- Morphogenesis of bone, 59, 81, S.P.
- Evolution of the lateral rotator muscles of the thigh and associated changes in the form of the mammalian femur, 59, 81-3, S.P.
- Vital conditions modifying the position of the third trochanter on the rabbit's femur, 59, 90-1, S.P.
- Epiphyseal ossification in young rabbit, 59, 98-9, S.P.

- Appleton, A. B.**, The phylogeny of the sacrotuberous ligament and of certain mammalian thigh muscles, 61, 511, *P.*
- The muscles and nerves of the post-axial region of the tetrapod thigh, part I, 62, 364-400; part II, 62, 401-38
- On the morphology of the cervico-costo-humeral muscle of Gruber, 63, 437-46
- An example of the M. cervico-costo-humeralis (Grüber) 64, 109, *P.*
- Acceleration of epiphyseal ossification, 67, 208, *P.* (t.o.)
- Torsion of the humerus in phylogeny and ontogeny, 69, 138-40, *P.*
- Development of an intrathoracic ganglion, 69, 140, *P.* (t.o.)
- The form of the pleural cavities in the cadaver, 70, 195, *P.* (disc. only)
- The level of xiphisternal joint and diaphragm in the living subject, 72, 317-18, *P.*
- The measurement of anatomical changes in the thorax in the course of physical education, 74, 140, *P.* (disc. only)
- Pelvic obliquity in the living subject, 74, 140, *P.* (disc. only)
- Postural variation of the vertebral column and lower limb joints in the standing attitude, 77, 120, *P.*
- The arteries and veins of the lungs. I. Right upper lobe, 79, 97-120
- Bronchi and pulmonary vessels in the upper lobe of the right lung, 80, 216, *P.*
- The interlobar approach to the roots of the lungs, 80, 223, *P.*
- & Ghey, P. H. R., An example of the cervico-costo-humeral muscle of Gruber, 63, 434-6
- , Hamilton, W. J. & Tchaperoff, I. C. C., *Surface and radiological anatomy*, 1938. 72, 468, *rev.*
see also Hamilton, W. J. editor.
- Appleton, J. & Blackwood, H. J. J.**, Observations on the fine structure of the cartilage of the mandibular condyle of the rat, 100, 434, *P.*
- Arbo**, on Norwegian skulls, 33, 356 (*ref. only*)
- Arbuthnot Lane, W.**, see Lane, W. Arbuthnot
- Archer, Mavis**, see Acheson, R. M.
- Ardran, G. M. & Kemp, F. H.**, Movements of the hyoid bone relative to the thyroid cartilage on neck flexion, 94, 285, *P.*
- Arey, L. B.**, *Human histology. A textbook in outline form*, 1957. 92, 319, *rev.*
Human histology. A textbook in outline form, 2nd ed. 1963. 98, 278, *rev.*
- Ariëns Kappers, C. U.**, see Kappers, C. U. Ariëns
- Arloing**, on phenomena of deglutition as studied by the graphic method, 9, 425, *rep.*
- & Chantre, on effects of section of the nerves of the sphincter ani, 33, 681 (*ref. only*)
- & Tripiër, on inhibitory action on right and left vagus on heart, 7, 180, *rep.*
on persistence of sensibility in the peripheral ends of cut nerves, 9, 218, *rep.*
on conditions for the persistence of sensibility in the peripheral end of divided nerves, 11, 544, *rep.*
on restoration of sensibility after section of nerves, 11, 545, *rep.*
- & Trissier, on physiology of the vagus, 8, 185, *rep.*
see also Tripiër, L.
- Arloing, S.**, on the organization of the horse's foot 2, 402, *rep.*
see also Chaveau, A.
- Arlt, F. Jun.**, on effect of cervical sympathetic stimulation and of light on pupil, 4, 327-8, *rep.*
- Armstrong**, On two polydactyle families, 39, 509, *rep.*
- Armstrong, J.**, see Quilliam, T. A.
- Armstrong, J. A.**, An experimental study of visual pathways in *Lacerta vivipara*, 84, 70, *P.*; 84, 146-67
An experimental study of the visual pathways in a snake (*Natrix natrix*) 85, 275-88
Investigation of tissue fluorescence induced by acridine orange, 90, 598, *P.*
Further comments on tissue fluorescence induced by acridine orange R, 91, 570, *P.*
- , Gamble, H. J., & Goldby, F., Observations on the olfactory apparatus and the telencephalon of *Anolis*, a microsmatic lizard, 87, 288-307; 87, 442-3, *P.*
- Arndt**, on symptoms of poisoning by chloral, 8, 220, *rep.*
- & Sklarek, Brain with absence of corpus callosum, 39, 504, *rep.*
- Arndt, R.**, on the grey matter of the convolutions of the cerebrum, 2, 395-6, *rep.*
on structure of cerebral convolutions, 3, 450, *rep.*
on nerve fibres and cell of the cerebrum, 4, 159, *rep.*
on structure of pyramidal cells in cerebral cortex, 4, 303-4, *rep.*
on nerve endings in striped muscle, 8, 161-2, *rep.*
on ganglia of the sympathetic nervous system, 8, 392, *rep.*
on pathological anatomy of the central organs of the nervous system, 8, 392, *rep.*
Variations of histological structure of the brain, 13, 268 (t.o.); comment by Turner, 13, 280
Central nervous system of the insane, 13, 268 (t.o.); comment by Turner, 13, 280
- Arnold**, on diverticula of heart, 29, 466, *rep.*
- Arnold, J.**, on the minute structure and chemistry of the supra-renal capsules, 1, 147, *rep.*
on the glomeruli caudalis of the mammalia, 2, 175, *rep.*
on congenital absence of lower jaw [mandible] and hyoid, 2, 176, *rep.*
on the structure of nerve cells, 2, 395, *rep.*
on a malformation of the heart, 3, 203-4, *rep.*
on multiple congenital defects of the urogenital system, 4, 161, *rep.*
on development of inter-atrial septum of the heart, 5, 377, *rep.*
on development of blood capillaries, 6, 437-8, *rep.*
on diapedesis, 8, 403, *rep.*
on relation of blood- and lymph-vessels to juice canals, 9, 392, *rep.*
on cement substance of epithelium, 10, 449, *rep.*
on condition of blood vessel walls, during diapedesis of white blood cells, 10, 639-40, *rep.*
on study of a case of anencephaly living 3 days, 27, 420-1, *rep.*
- Arnott, D. G. & Sloper, J. C.**, The distribution of ³⁵S in the hypothalamo-neurohypophysial 'Neuro-secretory' system of the rat following intracisternal injection of ³⁵S DL-cysteine, 92, 635, *P.*
- Arnstein, C.**, on epithelial and gland cells in vertebrates, 2, 174, *rep.*
on the nerves of the digestive canal, 9, 233-4, *rep.*
- & Sustschinsky, actions of calabar bean and atropia 2, 425, *rep.*
on action of calabar on cardiac nerves, 3, 474-5, *rep.*
- Aron, M.**, The role of the central nervous system in the growth of the tadpole, 61, 492, *P.*
specimens illustrating growth and regeneration in tadpoles, 61, 515, *P.* (dem. only)
- Aronstein, R.**, on preparation of solutions of albumin free from salts by means of diffusion, 8, 410, *rep.*

Author Index

- Arx, M., von.**, *Körperbau und Menschwurding. Konstruktionspläne, enthüllt durch eine Kausalanalyse der Menschlichen Beckenform*, 58, 280-2, rev.
- Ashby, H.**, A case of transposition of the aorta and pulmonary artery in a child of seven months, 16, 90-3
- Ashdown, H. H.**, On absorption from the mucous membrane of the urinary bladder, 21, 299-324
- Ashdown, R. R.**, The shape of the free end of the bovine penis, 91, 596-7, P.
- The development of the free end of the penis in castrated oxen, 93, 569-70, P.
- The adherence between the free end of the bovine penis and its sheath, 94, 198-204; 91, 580, P.
- Ashdowne, W.**, The action of the flexors and extensors of the carpus, and their association with the flexors and extensors of the fingers, 39, vii-xiii, P.
- Asher, L.**, *Physiologie der inneren sekretion*, 1936. 71, 420, rev.
- Asherson, N.**, The surgical anatomy of the premaxillary space, 65, 170, P.
- Ashley, G. T.**, On the insertion of the pectoralis major, 83, 68, P.
- Observations on the human sternum, 85, 412, P.
- An anatomical analysis of 700 cases of hernia in East Africa, 85, 418, P.
- Typing of the human sternum—an analysis of the ossification pattern in 520 sterna in the developmental stages, 87, 439-40
- The morphological significance of fusion between manubrium and corpus sterni, 88, 550, P.
- The relationship between the pattern of ossification and the definitive shape of the mesosternum in man, 90, 87-105
- A comparison of human and anthropoid mesosterna, 90, 587, P.
- Chronological appearance of Nissl granules in cranial nerve nuclei—Preliminary report, 93, 562, P.
- see also Kirkman, N. F.
- Ashley Montagu, M. F.**, see Montagu, M. F.
- Ashmead**, on antagonism between physostigma and atropia, 7, 198, rep.
- Ashton, E.**, Age changes in the basicranial axis of primates, 91, 601, P.
- Ashton, E. H., Healy, M. J. R., Oxnard, C. E. & Spence, T. F.**, The pattern of locomotor adaptation in the primate shoulder girdle, 99, 917, P.
- & Oxnard, C. E., The maxillary nerve in primates, 92, 649, P.
- Muscular variation in the primate shoulder, 95, 618-19, P.
- Functional variation in the primate shoulder girdle, 96, 415, P.
- see also Zuckerman, S.
- Asling, C. W.**, Some recent observations on the effects of hypophysectomy on skeletal morphogenesis in rats, 88, 548, P.
- & Harrison, R. G., Effects of sub-toxic doses of propylthiouracil on body growth and on some representative viscera of young rats, 88, 579, P.
- , van Wagenen, G. & Marovitz, W. F., Roentgenographic demonstration of skeletal development in the foetal monkey (*Macaca mulatta*), 97, 477-8, P.
- see also Harrison, R. G.
- Asp**, on effect of division of splanchnic nerves upon blood-pressure, 3, 211-12, rep.
- Asp, G.**, on minute structure of the liver in mammalia, 4, 334-5, n.
- on the anatomy and physiology of the liver, 9, 205-6, rep.
- on anatomy and physiology of the liver, 9, 430-2, rep.
- Asscher, A. W., Turner, C. J. & de Boer, C. H.**, Cornification of the human vaginal epithelium, 90, 547-52
- Sulphydryl and disulphide groups in the human vaginal epithelium, 90, 577, P.
- Assheton, R.**, An account of a blastodermic vesicle of the sheep of the seventh day, with twin germinal areas, 32, 362-72
- Association of American Anatomists**, Conference held 28th to 30th December at Ithaca, N.Y., 32, 800-2
- 11th annual session, New York, including the report of the Committee on Anatomical Nomenclature, 33, vii-xv, P.
- Association des Anatomistes**, Conjoint meeting with Anatomical Society, April 11th-13th, 1927, University College, London, 61, 490-520, P.
- Association for Research in Mental Diseases**, *The cerebellum. An investigation of recent advances*, 1929. 65, 278-9, rev.
- Atkins, H. J. B., see Walls, E. W. & Phillipp, E. E.**
- Atkinson, E.**, On some points of osteology of the Pichiciégo (*Chlamyphorus truncatus*, Harlan) 5, 1-16
- Atkinson, E. M.**, Skiagrams of the hand and feet of a girl aged 10 months showing ossific centre, in the space between the proximal and distal phalanges of the thumbs and great toes, 59, 1-3, S.P.
- Atkinson, G. A.**, The pharmacology of the nitrites and nitro-glycerine, 22, 225-39; 22, 352-71
- Atkinson Stoney, R.**, see Stoney, R. Atkinson
- Attlee**, on a case of bilateral supernumerary digits, 43, 124, rep.
- Atwell, J. D. & Farrington, G. H.**, Case report of a true hermaphrodite having a normal male chromosome complement, 97, 144, P.
- Aubert**, on the amount of CO₂ excreted by the human skin, 7, 357, rep.; 8, 188, rep.
- A case of congenital malformation of the forearm, 44, 106, rep.
- & Roeber, influence of the vagus, superior laryngeal and sympathetic nerves upon the blood-pressure and pulse, 3, 461-2, rep.
- Aubert, H. & Dehn, A.**, on the action of caffeine, meat extract and potassium on action of heart and blood pressure, 9, 222, rep.
- Audebert**, on multiple malformations of the face and cranium by an amniotic band, 42, 136, rep.
- Audigné**, on production of icterus, 8, 420, rep.
- Audion, P.**, Epispatias, 35, 504, rep.
- Audistère**, on a very long vermiform appendix without a mesenterium, in the inguinal canal, 33, 683
- Auër, J.**, Migration processes during ontogeny with reference to the venous development in the dorsal body wall, 80, 61-74
- Terminal degeneration in the diencephalon after ablation of frontal cortex in the cat, 90, 30-41
- Aumonier, F. J.**, Notes on the regeneration of striated muscle in suckling mice, 87, 453, P.
- Some preliminary observations on the minute structure of the lower birth canal in the rabbit, 89, 566 P.
- see also Cave, A. J. E.
- Auspitz**, on the absorption of starch and oil, after cutaneous and intravenous application, 6, 245, rep.
- Austin, C. R.**, Fertilization, early cleavage and associated phenomena in the field vole (*Microtus agrestis*) 91, 1-11
- The mammalian egg*, 1961. 96, 541, rev.
- Austin Freeman, R.**, see Freeman R. Austin

Author Index

- Auvray**, on the anomalies of the coracobrachialis and other muscles, 33, 351 (*ref. only*)
on a double scaphoid in the hand, 33, 679 (*ref. only*)
- Axford, M.**, Some observations on the cervical sympathetic in man, 62, 301-18
- Ayer, A. A.** *The anatomy of Semnopithecus entellus*, 1948, 83, 283, *rev.*
- Aykroyd, Olive E. & Zuckerman, S.**, The effect of sex-hormones on the bulbo-urethral glands of rhesus monkeys, 73, 135-44
- Aymard, J. L.**, Some new points in the anatomy of the nasal septum, and their surgical significance, 51, 293-303
- Azoulay, A.** case of hemimelus, 37, 309, *rep.*
- Baber, E. Cresswell**, On the structure of hyaline cartilage, 10, 113-26
- Bacchi**, On the physiological action of compressed air, 13, 253-4, *rep.*
- Backhouse, K. M.**, Observations on the progressive growth of the dental lamina, 87, 452, *P.*
Gubernacular changes in the pig during and after testicular descent, 91, 609, *P.*
Musculus palmaris longus in aquatic mammals, 92, 656-7, *P.*
Experimental study of the testicular descent, 94, 449, *P.*
Digital rotation, 94, 453, *P.*
- **& Butler, H.**, The development of the human gubernaculum testis, 90, 584, *P.*
The development of the coverings of the testis and cord, 92, 645, *P.*
The gubernaculum testis of the pig (*Sus scropha*) 94, 107-20
- **& Woodhead, D. H.**, The gubernaculum testis of certain ungulates, 88, 572, *P.*
- **& Catton, W. T.**, Observations on the function of the lumbrical muscles of the hand, 86, 484, *P.*
An experimental study of the functions of the lumbrical muscles in the human hand, 88, 133-41
- **& McFarlane, B. M.**, Observations on the epididymal fat pads in the rat, 97, 306, *P.*
- Bacsich, P.**, On the staining of lipoid granules in leucocytes, 70, 267-72
Histology in the dissecting room, 72, 164-5, *P.*
Some observations on the Bodian silver method with an account of a new modification, 74, 552, *P.*
Nerve cells in the myenteric plexus of the tench, 76, 224, *P.*; demonstration, 76, 229, *P.*
Heparin in the placental circulation, 80, 231, *P.*
Multinuclear ova and multiovular follicles in the young human ovary, 80, 243-4, *P.*
Some observations on the human foetal ovary, 84, 75, *P.*
Some observations on the epithelial covering of the human umbilical cord, 91, 611, *P.*
- **Boyd, H. & Young, A.**, Some observations on the arteries of the bovine umbilical cord, 95, 618, *P.*
- **Chisholm, I. A., Gellért, A. & Sávy, J.**, On the presence of a reptilian type conus papillaris in the eye of the golden hamster, 99, 195-6, *P.*
- **& Crawford, J. M.**, On the probable genetic character of human placental types, with some remarks on the structure of placental cotyledons, 94, 449, *rev.*
- **& Dennison, W. M.**, Atresia of the vagina: an anatomical, embryological and endocrinological analysis, 95, 604, *P.*
- **& MacDonald, A. M.**, A rare case of duplicitas anterior: a female infant with two mouths and two pituitaries, 98, 292-3, *P.*
- **& Folley, S. J.**, Effect of high doses of oestradiol monobenzoate on the endocrine glands, gonads and mammae of lactating rats, 72, 617, *P.*
The effect of oestradiol monobenzoate on the gonads, endocrine glands and mammae of lactating rats, 73, 432-40
- **& Hamilton, W. J.**, Supravital staining experiments on the tubal ova of the rabbit, 83, 62, *P.*
- **Pelc, G., & Wyburn, G.**, The fate of frozen-stored cornea implanted subcutaneously in guinea-pigs, 88, 580, *P.*
- **Sharman, A. & Wyburn, G. M.**, The reputed hormone of semen, 80, 227, *P.*
- **& Smout, C. F. V.**, Museum specimens by celluloid corrosion technique, 72, 179, *P.*
Some observations on the foetal vessels of the human placenta with an account of the corrosion technique, 72, 358-64; 72, 165-6, *P.*
- **& Stibbe, E. P.**, A neuro-histological problem, 71, 152-3, *P.*
A simple Weigert technique on paraffin sections of C.N.S. material, 72, 163-4, *P.*
- **& Wyburn, G.**, Observations on the oestrous cycle of the guinea-pig, 73, 669, *P.*
Cyclic variations in the vascular architecture of the guinea-pig uterus, 74, 139, *P.* (*disc. only*)
Hormonal analysis of the cyclic variations in the vascular architecture of the guinea-pig uterus, 74, 552-3, *P.*
Observations on artificially induced heat in immature guinea-pigs, 76, 225, *P.*
The response of the immature female guinea-pig to gonadotropic (Antostab) stimulation, 77, 118, *P.*
Stilboestrol treatment of the spayed guinea-pig, 77, 118, *P.*
The vascular pattern of peripheral nerve during repair after experimental crush injury, 79, 9-14
The effect of interference with the blood supply on the regeneration of peripheral nerves, 79, 74-82
Parthenogenesis of atretic ova in the rodent ovary, 79, 177-9
Experiments of homografts in guinea-pigs, 80, 234, *P.*
Effect of combined chorionic gonadotropic and anterior pituitary hormones on the immature female guinea-pig, 80, 236-7, *P.*
Subcutaneous homo- and heterografts of the umbilical cord, 83, 74, *P.*
Subcutaneous homografts of the xiphoid cartilage in the guinea-pig, 89, 560-1, *P.*
Fate and behaviour of the second set of subcutaneous corneal homografts in the guinea-pig, 90, 583, *P.*
Experimental corneal homografts, 91, 339-44
- **& Young, A.**, The effect of phosphorylated hesperidin on the growth rate and fertility of pre-pubertal rats, 88, 547, *P.*
- **MacDonald, A. M., & Weaver, A. D.**, Some observations on two cases of conjoined twins, one human and one bovine, 97, 638, *P.*
see also Barnes, R. & Wyburn, G. M.
Blair, D. M. & Davies, F.
Gellért, A.
Young, A. & Boyd, H.
- Bacunin, S.**, *see* Meola, F.
- Badal**, on an optometer, 11, 545, *rep.*
- Badaud**, on nervous control of blood-pressure in the pulmonary artery, 9, 419, *rep.*
- Bademan, H.**, *see* Peters, H. G.
- Badrick, F. E.**, *see* Reiss, M. & Halkerston, J. M.
- Bagourd**, Atresia of the small intestine, 31, 460, *rep.*

Author Index

- Bahnsen, G.**, on anomalies of muscles of lower limb 3, 196, *rep.*
- Bailey's Text-book of histology**, (Elwyn & Strong) 8th ed. 1932. 67, 624, *rev.*
- Bailey, P.**, see Bonin, G. von.
- Bailey, R. A.**, see Glees, P. & Oppenheimer, D. R.
- Baillie, A. D.**, Observations on the histochemistry of the Leydig tissue in the growing mouse, 97, 647, *P.*
- Baillie, A. H.**, Observations on the growth and histochemistry of the Leydig tissue in the postnatal prepubertal mouse testis, 95, 357-70
- Observations comparing the effects of epididymal obstruction at various levels on the mouse testis with those of ischaemia, 96, 335-54
- Observations on androgen output in the growing mouse and on simultaneous changes in the ultrastructure of the Leydig cell, 97, 643-4, *P.*
- Further observations on the growth and histochemistry of the Leydig tissue in the postnatal prepubertal mouse testis, 98, 403-19
- The histochemistry and ultrastructure of the gonocyte, 98, 641-5
- The effects of cold exposure on the male reproductive tract, 98, 688, *P.*
- β -Hydroxysteroid dehydrogenase activity in the foetal mouse testis, 99, 507-11
- Histochemical evidence for steroid metabolism in the human gut, 100, 427, *P.*
- & Griffiths, K., β -Hydroxysteroid dehydrogenase in the testis, 99, 417, *P.*
- β -hydroxysteroid dehydrogenase in the testis, 99, 204, *P.*
- see also Hart, D. M. *et al.*
- Hart, D. M., Cameron, E. H. D. & Griffiths, K.
- Toner, P. G.
- Toner, P. G. & Baillie, A. H.
- Baillière's Synthetic anatomy**, by J. E. Cheesman, parts I, II & III, 1926. 61, 386, *rev.*; part V, part IV, 1929. 64, 537, *rev.*; Parts IV, IX, IXa, 1928-9. 65, 281, *rev.*; parts VII & VIII, 1930. 65, 559, *rev.*; parts XI & XII, 1931. 66, 279, *rev.*; Parts I-XII, 1930. 67, 187, *rev.*
- Bain, W.**, The action of certain drugs and mineral-waters on the secretion and composition of human bile, 33, 91-130
- An experimental contribution to the study of the mechanism of bile secretion, 34, 69-74
- Baker, Alfreda H. & Kirk, J.**, A case of megalo-duodenum with various vascular abnormalities, 68, 350-3
- & Platt, Demonstration of abnormal heart, 71, 137, *P.*
- see also Kirk J.
- Baker, G. H.**, Absence of the spleen, 33, 504, *abs.*
- Baker, J. R.**, Asymmetry in hermaphrodite pigs, 60, 374-81
- see also Murray, P. D. F.
- Baker, T. G.**, The radiosensitivity of the ovary in post-natal rhesus monkeys, 99, 921, *P.*
- A quantitative and cytological study of oogenesis in the rhesus monkey, 100, 761-76
- & Franchi, L. L., Fine structure of the nucleus in the primordial oocyte of primates, 100, 697-9, *P.*
- Lampbrush chromosomes in human oocytes, 100, 702, *P. (dem.)*
- Balandin, J.**, on curvatures of the human spine, 8, 159-60, *rep.*
- Balankura, K.**, Observations on the development of the intra-cranial rete in the sheep, 88, 572, *P.*
- Balbani, on generation of Aphides**, 4, 162, *rep.*; 5, 196, *rep.*
- on embryology of the *Araneina*, 8, 170, *rep.*
- Balbani, M. G.**, on development and mode of propagation of *Strongylus gigas*, 4, 307, *rep.*
- Baldwin, B. A. & Bell, F. R.**, The anatomy of cerebral circulation of the sheep and ox. The dynamic distribution of the blood supplied by the carotid and vertebral arteries to cranial regions, 97, 203-15
- Baldwin, F.**, see Blunt, M. J. & Wendell-Smith C. P.
- Blunt, M. J., Paisley, P. B., Wendell-Smith, C. P. & Baldwin, F.
- Plomley, N. J. B.
- Wendell-Smith, C. P. & Blunt, M. J.
- Balfour, F. M.**, on the development and growth of the layers of the blastoderm of the hen's egg, 8, 168, *rep.*
- on the transient nature of the primitive groove, 8, 169, *rep.*
- on development of blood vessels in chick, 8, 169-70, *rep.*
- on development of elasmobranch fishes, 9, 206, *rep.*
- The development of elasmobranch fishes: the ripe ovarian ovum, the segmentation, 10, 377-411; the formation of the layers, 10, 517-70; alimentary canal, 10, 672-88; trunk, 11, 128-72; skin, muscle-plates, notocord, peripheral, central and sympathetic nervous systems, brain and special sense organs, 11, 406-90; alimentary canal, 11, 674-706; excretory organs, 12, 177-216
- on early development in vertebrates, 10, 457, *rep.*
- On the origin and history of the urino-genital organs of vertebrates, 10, 17-48, and note, page 201
- On the spinal nerves of *Amphioxus*, 10, 689-92
- see also Foster, M.
- Balfour, T. A. G.**, on congenital diaphragmatic hernia, 3, 457, *rep.*
- Balgarnie, an abnormal ligamentous radio-ulnar band**, 25, v-vi, *P.*
- Balinsky, B. I.**, On the pre-natal growth of the mammary gland rudiment, 84, 67, *P.*; 84, 227-35
- An introduction to embryology*, 1960. 95, 147, *rev.*
- Ballance, Sir Charles**, The fate of the peripheral segment in nerve anastomoses, 69, 140, *P. (l.o.)*; 69, 152, *P. (dem.)*
- see also Beattie, J. & Duel, A. B.
- Ballance, C. A. & Edwards, W.**, *Ligation of the great arteries in continuity, with observations on the nature and treatment of aneurism*, 1891. 26, 574-5, *rev.*
- Ballantyne, on foetus amorphous**, 29, 466, *rep.*
- Foetal bone disease, 37, 299, *rep.*
- Ballantyne, B.**, Cholinesterases in mammalian lymph nodes and spleen, 98, 689-91, *P. (dem.)*
- Distribution of cholinesterase in mammalian liver, 100, 704-5, *P.*
- Histochemical distribution and functional significance of cholinesterases in adipose tissue, 100, 931-2, *P.*
- & Bunch, G. A., Enzyme histochemistry of quiescent mammary tissue, 100, 446-7, *P. (dem.)*
- see also Bunch, G. A.
- Fourman, Julia
- Ballantyne, J.**, Preauricular appendages, 30, 460, *rep.*
- Ballantyne, J. W.**, The sectional anatomy of an anencephalic foetus, 26, 516-29
- Congenital teeth, 31, 459, *rep.*
- So-called epispadias in women, 31, 461, *rep.*
- Teratogenesis, 32, 783, *rep.*
- Pathology of the germinal period of antenatal life 35, 499, *rep.*; recurrent monstrosity, 35, 499, *rep.*

Author Index

- Ballantyne, J. W.**, Case of included foetus, 35, 500, *rep.*
Antenatal pathology and hygiene, 2 vols. 1902-4. 39, 501, *rev.*
- & **Elder, G.**, Tylosis palmarum et plantarum, 31, 463, *rep.*
- & **Skirving, A.**, Diphallic terata, 30, 458, *rep.*
- Ballowitz, F.**, On polydactyly, 39, 509, *rep.*
- Ballowitz, F.**, Supernumerary incisor in Javanese skull, 31, 459, *rep.*
- Balmer, J. P.**, 'Assimilatory induction' in cartilage, 92, 661-2, *P.*
- Balsamo-Crivelli, G.**, on hermaphroditism in the eel, 7, 338, *rep.*
- Baltus, E.**, *see* Béchamp, J.
- Banchi, A.**, Brain showing absence of corpus callosum, 39, 503, *rep.*
 Cases of absence of corpus callosum, 40, 298, *rep.*
- Banchi, A.**, *see* Chiarugi, G.
- Bandler, S. W.**, Dermoid and other cysts of the ovary 36, 302, *rep.*
- Bankart, Pye-Smith & Phillips**, on accessory ossicle of tarsus, 3, 447, *rep.*
 on muscle abnormalities, 3, 448, *rep.*
 on variations in the distribution of the nerves, 3, 451, *rep.*
 on variations in the arterial system, 3, 452, *rep.*
 on transposition of thoracic and abdominal viscera 3, 456, *rep.*
see also Hicks
- Bankart, J.**, On the functions of the buccal branch of the fifth nerve, 2, 325-8
- Banks, J.**, *see* Martin, C. P.
- Banks, W. M.**, on the development of the generative [reproductive] system, 1, 152, *rep.*
 on the coccygeal body, 2, 175, *rep.*
- Baraban, D. & Schuhl**, Obliteration of the aortic orifice, 32, 791, *rep.*
- Baradi, A. F. el & Bourne, G. H.**, Gustatory enzymes and appreciation of taste, 85, 415-16, *P.*
 The effect of quinine on the ribonuclease reaction of tissues, 86, 490-1, *P.*
- Barbarin, J.**, on a double femoral origin of the popliteus muscle and a femoral head of soleus, 33, 681
- Barbarini, P. & Dévé, F.**, Ectopia vesicae with anterior fissure of vertebral column, 34, 412, *rep.*
- Barber, V. C.**, The morphological polarisation of kinocilia in the *Octopus statocyst*, 100, 685-6, *P.*
- Barbieri, G.**, on the innervation of arteries and capillaries, 33, 503
- Barbosa, José Martins**, Sur la structure du poumon du dauphin (*Delphinus delphis*), 50, 285-92
- Barclay, A. E.**, Models of the human stomach showing its form under various conditions, 54, 258-69
 The mobility of the viscera in relation to surface markings, 69, 150-2, *P.*
The digestive tract: a radiological study of its anatomy, physiology and pathology, 1933. 68, 429, *rev.*; 2nd ed. 1936. 71, 551-2, *rev.*
 Effect of posture on position of diaphragm, 72, 160-1, *P.*
- , **Daniel, P.**, **Franklin, K. J.**, **Prichard, Margaret M. L.**, & **Trueta J.**, Demonstration of renal vascular studies, 81, 376, *P.*
- & **Franklin, K. J.**, Ciné-film showing the joint movements, 72, 161-2, *P.*
 Cardio-vascular system of foetal lamb, 74, 559, *P.*
 Radiographs of cat lungs, showing distribution of radio-opaque dusts, variously introduced, 74, 559, *P.*
- et al.*, X-ray cinematographic studies of circulation in foetal sheep after Caesarian delivery, demonstration, 76, 229, *P.*; Comparative anatomico-physiological studies of cardiovascular system of eutherian foetus, demonstration, 76, 229, *P.*
- & **Prichard, Margaret M. L.**, A possible mechanism for the protection of the pulmonary alveoli, 74, 554, *P.*
 Notes on the cardio-vascular system of the foetal lamb, 74, 554, *P.*
see also Amoroso, E. C., Franklin, K. J. & Prichard, Margaret M. L.
 Franklin, K. J., Barron, D. H. & Barcroft, Sir Joseph
 Franklin, K. J. & Prichard, Margaret M. L.
- Barclay, Marjorie**, A case of duplication of the internal cuneiform bone of the foot (cuneiforme bipartitum) 67, 175-7, *anat. not.*
- Barclay-Smith, E.**, on absence of extensor indicis (1 case) and absence of semi-membranosus in presence of post-oblique ligament of knee joint, popliteus minor derivation and function of oblique posterior ligament of the knee joint, 27, xxiv-xxx, *P.*
 on separation of os styloideum of 3rd metacarpal, 27, xxxvii-xxxviii, *P.*
 The astragalo-calcaneo-navicular joint, 30, 390-412; 30, x, *P.*
 Some points in the anatomy of the dorsum of the hand, with special reference to the morphology of the extensor digitorum manus, 31, 45-58; 31, xii-xiii, *P.*
 on amniotic band linking the digits of upper limbs and left foot in 13-week foetus, 31, xxxiv-v, *P.*
 A case of idiopathic dilatation of the sigmoid colon and rectum, accompanied by a diaphragmatic hernia of the stomach, 32, 341-52
 An Egyptian skull, 32, xxvi, *P.*
 Case of dilatation of the sigmoid colon, 32, xxvi, *P.*
 Skull with anomaly of malar bone, 32, xl, *P.*
 Divided parietal bone in the skull, 33, xxiv, *P.*
 John Halle: a sixteenth-century anatomist (*Archaeologia anatomica*) 34, 275-82
 Exhibition of works of early British Anatomists, with bibliography and notes, 34, xlii-xlv July 1899
 Brains, skulls, and pelves of 2 scaphocephalic individuals, 34, xlv, July 1899
 A rare condition of Wormian ossifications, 43, 277-8
 A liver exhibiting multiple anomalies, 43, 346-8
 Two cases of Wormian bones in the bregmatic fontanelle, 44, 312-14
 Multiple anomaly in a vertebral column, 45, 144-71
 Origin and fate of synovia, 59, 35, *S.P.*
- Barcroft, J.**, (later Sir Joseph) *Features in the architecture of physiological function*, 1934. 69, 398, *rev.*
 Exhibition of cinematograph film depicting the incidence and crescendo of body movements in the foetal sheep, 76, 226, *P.*
Researches on pre-natal life, vol. 1, 1946. 81, 200, *rev.*
see also Franklin, K. J., Barclay, A. E. & Barron, D. H.
- Barcroft, N. & Hamilton, C. T. C.**, Results of sympathectomy in the upper limb, 83, 58, *P.*
- Bardeen, C.**, on variations in the distribution of nerves entering the lumbar plexus, 33, 684
 Variations in the vertebral column, 39, 500, *rep.*
- Bardeleben, K.**, on the articulations of the 5th and 6th rib cartilages, 33, 350 (*ref. only*).
- Bardeleben, K.**, on spongiosa of vertebrae and ribs, 9, 244, *rep.*
 on m. sternalis, 10, 442, *rep.*
 Os intermedium in man and other mammals, 19, 509-10

Author Index

- Bardeleben, K., on supernumerary nipples, 15/2430 cases, 26, 438, *rep.*
 on supernumerary nipples, 27/192 cases, 27, 421, *rep.*
 on hyperthelia, 107,000 observations, 28, 376, *rep.*
 on remains of praepollex and praeallux and post-minimus in hands and feet in man, 29, 467-8, *rep.*
- & Frohse, F., Specimens illustrating the finer ramifications of nerve-filaments supplying muscle, 31, xxxiv, P.
- & Haeckel, H., *Atlas der Topographischen Anatomie des Menschen*, 1894. 31, 167, *rev.*
see also Frohse, F.
- Bardeleben, von., A case of anus vestibularis, 37, 307, *rep.*
- Barer, G. R., *see* Barer, R. & Bradbury, S.
- Barer, R., Observations on muscle-fibre structure. The swelling of muscle fibres by acids and alkalis, 81, 259-85; 81, 384-5, P.
- Phase contrast microscope in anatomy, 83, 61, P.
- The reflecting microscope in anatomical research, 83, 73-4, P.
- The optical determination of cell mass, 86, 474, P.
- Ultraviolet television microscopy, 97, 639, P.
- , Barer, G. R. & Bradbury, S., Mucopolysaccharides in inflammation, 95, 608, P.; Further observations, 95, 612, P.
- , Bradbury, S. & Meek, G. A., The nature of Kurloff bodies, 97, 140-1, P.
- & Joseph, S., The effects of X-rays and radio-mimetic substances on the solid concentration of lymphocytes, 92, 673-4, P.
- Changes in cytoplasmic concentration and mass during meiotic division, 93, 565, P.
- Changes in rabbit lymphocytes following double irradiation, 97, 305, P.
- & Meek, G. S., Membrane interrelationships during meiosis, 93, 577, P.
see also Crawford, G. N. C.
- Barfurth, D., Experimental production of cauda bifida in amphibian larvae, 34, 410-11, *rep.*
 Cauda trifida in lava of *Petromyzon*, 34, 411, *rep.*
- Barger, A. C., *see* O'Morchoe, C. C. C., Thorburn, G. D. & Carriere, S.
- Bargmann, W., *Histologie und mikroskopische Anatomie des Menschen*, vols. I & II, 1948 & 1951. 87, 324-5, *rev.*; 4th revised ed. 1962. 97, 135, *rev.*
Das Zwischenhirn-Hypophysensystem, 1954. 90, 559-60, *rev.*
 Studies on the formation of milk fat and milk proteins, 93, 585, P.
editor, Aus der Werkstatt der Anatomen, 1965. 100, 675, *rev.*
- & Doerr, W., *editors, Das Herz des Menschen*, 1963. 98, 140, *rev.*
- Barker, A. E., (trans.) *The histology and histochemistry of man*, (Frey) 4th ed., 1874. 9, 189, *rev.*
- Barker, B. M. & Eayrs, J. T., Localization of recovery mechanisms following central nervous lesions, 97, 646, P.
- Barker, D., *editor, Symposium on muscle receptors*, 1962. 97, 134, *rev.*
- & Chin, N. K., The number and distribution of muscle-spindles of certain muscles of the cat, 94, 473-86
- & Cope, M., Tandem muscle-spindles in the frog, 96, 49-57
see also Adal, M. N. & Barker, D.
- Barker, L. F., The neurone doctrine, 33, 353, *anat. not. ed. & trans., Hand atlas of human anatomy* (Spalteholz) 2nd English ed. 1909. 41, 91, *rev.*; 7th ed. 58, 284, *rev.*
- Barker, P. S., *see* Wilson, F. N. & Macleod, A. G.
- Barlet, Case of supernumerary kidney, 39, 507, *rep.*
- Barling, G., Primary growth from bone, resembling in some of its features scirrhous carcinoma of the breast, 16, 43-46
 Infiltrating carcinoma of breast, 17, 339-40
 Note on a case of congenital hypertrophy of the leg, 20, 358-9, *anat. not.*
see also Saundby, R.
- Barlow, D., The surgical anatomy of the neck in relation to septic lesions, an investigation of the cervical connective tissue, 70, 548-65
- Barlow, J., Note on the mode of demonstrating Pflüger's law of contraction, 12, 632-5
 The physiological action of ozonised air, 14, 107-30
- Barlow, T. E., An unusual anomaly of M. flexor digitorum longus, 83, 224-6
 Arterio-venous anastomoses in the human stomach, 85, 1-5; 84, 405, P.
- The structure of human gastric arterio-venous anastomoses, 85, 413, P.
- Observations on the blood supply of the lesser curvature of the human stomach, 85, 421, P.
- The deep flexors of the foot, 87, 308-10
- Variations in the blood supply of the jejunum, 88, 547, P.
- Variations in the blood supply of the jejunum. Results of a combined survey, 89, 560, P.
- Some aspects of the circulation in human bone, 93, 564, P.
- , Walder, D. N., & Haigh, A. L., Vascular patterns in mammalian striated muscle, 92, 640, P.
 The circulation in mammalian skeletal muscle, 94, 294-5, P.
- Barnado, G. F., on a case of pure ectopia cordis, 31, xxxvi, P. (t.o.)
 A case of ectopia cordis c. fissura sterni, 32, 325-33
- Barnard, H. K., Large loculated bursa between semi-membranous tendon, 35, x-xi, P.
- Barnard, J. W., *see* Fox, C. A.
- Barnes, A. S., *see* Vincent, S.
- Barnes, F., on fibular origin of accessorius bilateral, 33, 681 (*ref. only*)
- Barnes, R., Bacsich, P. & Wyburn, G. M., A histological study of a predegenerated human nerve autograft, 80, 228, P.
 The fate of nerve homografts in man, 80, 234-5, P.
- Barnett, C. H., The structure and function of the choroidal gland of teleostean fish, 85, 113-19
 Locking at the knee joint, 87, 91-5; 86, 485, P.
 Further observations upon the axis of rotation at the human ankle joint, 87, 449-50, P.
- A comparison of the human knee and avian ankle, 88, 59-70
- The structure and functions of fibrocartilages within vertebrate joints, 88, 363-8
- Squatting facets on the European talus, 88, 509-13
- The production of instantaneous footprints, 88, 574, P.
- Some factors influencing angulation of the neck of the mammalian talus, 89, 225-30
- A rapid method of graphic reconstruction, 90, 304-6; 90, 564, P.
- The mammalian talo-calcaneal articulations, 95, 280, P.
- Valgus deviation of the distal phalanx of the great toe, 96, 171-7
- The normal orientation of the human hallux and the effect of footwear, 96, 489-94
- , Cusick, E. T. & Stockwell, R. A., A controlled-heat method of fixation, 100, 937, P.A.S.A.N.Z.

Author Index

- Barnett, C. H., Davies, D. V. & MacConaill, M. A.**, *Synovial joints. Their structure and mechanics*, 1961. 95, 599, *rev.*
- & **Lewis, O. J.**, The evolution of some traction epiphyses in birds and mammals, 92, 593-601
The evolution of some mammalian and avian traction epiphyses from sesamoid bones, 92, 673, P.
- & **Napier, J. R.**, The axis of movement at the ankle joint and its influence upon the shape of the talus, 85, 409, P.
The axis of rotation at the ankle joint in man. Its influence upon the form of the talus and the mobility of the fibula, 86, 1-9
The mobility of the fibula in eutherian mammals, 86, 489, P.
The rotatory mobility of the fibula in eutherian mammals, 87, 11-21
The form and mobility of the fibula in metatherian mammals, 87, 207-13
- & **Palfrey, A. J.**, Absorption into rabbit articular cartilage, 99, 365-75; 99, 197, P.
see also Bunning, P. S. C.
- Barnett, S. A. & Bourne, G.**, The distribution of ascorbic acid (vitamin C) in the early stages of the developing chick embryo, 75, 251-64
see also Bourne G. H.
- Barnhill, J. F.**, *Surgical anatomy of the head and neck*, 1937. 73, 198, *rev.*
- Barnicot, N. A.**, Some data on the effect of parathormone on the grey-lethal mouse, 79, 83-91
The local action of the parathyroid and other tissues on bone in intracerebral grafts, 82, 233-48
The local action of vitamin A on bone, 84, 374-87
The local action of calciferol and oestradiol on bone, 85, 120-34
- & **Hardy, R. H.**, The position of the hallux in West Africans, 89, 355-61
see also Napier, J. R.
- Barniville, H. L.**, The morphology and histology of a human embryo of 8.5 mm., 49, 1-71
- Barnsby**, on the appendiculo-ovarian ligament, 33, 353 (*ref. only*)
- Barr, M. K.**, *see* Logan, J. E., & Rossiter, R. J.
- Barr, M. L.**, Some observations on the morphology of the synapse in the cat's spinal cord, 74, 1-11
- & **Bertram, E. G.**, The behaviour of nuclear structures during depletion and restoration of Nissl material in motor neurons, 85, 171-81
see also Lindsay, H. A.
- Barratt, J. O. Wakelin**, On the anatomical structure of the vagus nerve, 32, 422-7
Observation on the structure of the third, fourth and sixth cranial nerves, 35, 214-23
The form and form-relations of the human cerebral ventricular cavity, 36, 106-26; 36, xxvii, P.
The form of the dilated cerebral ventricles in chronic brain atrophy, part I, 37, 150-67; part II, 37, 347-58
- Barrett, J. H.**, The union of certain epiphyses in a mixed female population in Rangoon, 70, 432-4
An additional (third and separate) head of the pronator teres muscle, 70, 577-8, *anat. not.*
- Barrett, J. W.**, The cause of the first sound of the heart and the mode of action of the cardiac muscle, 18, 270-4
A new method of cutting sections for microscopical examination, 19, 94-6
A new method of demonstrating Scheiner's experiment, 19, 97
- Barrett, W. H.**, On some points in the histology of the tongue of the canary, 25, iii, P. (SMS) (*t.o.*)
- Barrier**, on a mare with arrested development of internal genitalia, 43, 121, *rep.*
- Barrington, F. J. F.**, The mucinous changes of the vaginal epithelium of certain mammals in pregnancy, 50, 30-6
- Barron, D. H.**, *see* Franklin, K. J., Barclay, A. E. & Barcroft, Sir Joseph
- Barron, Patricia**, Insulin and the early chick embryos, 95, 605, P.
Insulin-induced rumplessness in the explanted chick embryo, 97, 479, P.
- & **McKenzie, J.**, The effect of insulin in the early chick embryo, 94, 577, P.
- Barry, D. & Bothroyd, J. S.**, Tensor fasciae suralis, 58, 382-3
- Barry, D. T.**, The morphology of the testis, 44, 137-48
- & **Donegan, Evelyn**, Malformation of the diaphragm in a dog, 58, 266-7
- Barry, Geraldine M.**, Dissection of the abdominal sympathetic system in a one-year old child, 70, 195, P.
- Barson, A. J.**, Spina bifida cystica—the relation of the site of the defect to its extent, 99, 205-6, P.
Anomalies of the spinal cord occurring in the lumbar kyphotic form of spina bifida cystica, 99, 217, P. (*dem.*)
Diastematomyelia and spina bifida cystica, 99, 424-5, P. (*dem.*)
- Bartels, M.**, on vesico-abdominal fissure, 3, 203, *rep.*
on two cases of vesico-abdominal fissure, 3, 203, *rep.*
on quadruple mammae in one man, 7, 332, *rep.*
Ueber Schadel-Mäskén aus Neu-Britannien besonders eine mit einer Kopfverletzung, 1896. 31, 165, *rev.*
- Barth**, An account of 161 ancient Norwegian crania, Christiana, 1866. 33, 506
- & **Lévi**, A case of pseudohermaphroditism, 38, 363, P.
- Barthel, H.**, *Missbildungen des Menschlichen Herzens: Entwicklungsgeschichte und Pathologie*, 1960. 95, 147-8, *rev.*
- Bartholomew**, on experiments on the human brain, 9, 212, *rep.*
- Bartholow**, on action of Gelsemium sempervirens, 5, 204, *rep.*
on physiological effects and therapeutic uses of bromides, 6, 491-2, *rep.*
- Barton**, on an unusual course of the phrenic nerve, 33, 685 (*ref. only*)
- Barton, A. A.**, The electron microscopy of the superior cervical ganglion after pre- and post-ganglionic section, 91, 602-3, P.
A technique for the examination of ultrathin sections in the light microscope after electron microscopic examination, 93, 572, P.
Replication techniques in electron microscopy, 93, 577, P.
The ultrastructure of the mouse prostate gland, 94, 572-3, P.
Electron microscope observations on regenerating nerve, 95, 287, P.
Some observations on the fine structure of the proximal stump of a nerve following neurectomy, 98, 285-7, P.
Changes in the glycogen granules of liver treated with nitrogen mustard, 98, 299, P. (*dem.*)
- & **Causey, G.**, Electron microscopic study of the superior cervical ganglion, 92, 399-407
- Barton J. Kingston**, A contribution to the anatomy of the digestive tract in *Salmo salar*, 34, 295-300
Salmo salar. The digestive tract in Kelts, 36, 142-6

Author Index

- Barwell, Congenital median cervical fistula, 30, 460, *rep.*
 Barwell, R., Congenital absence of right hand and forearm, and right femur, 34, 421, *rep.*
 Bary, on the digestion of albuminates, 1, 358, *rep.*
 Basch, on movements of the intestines, 8, 417, *rep.*
 — & Oser, on effects of nicotia and tobacco-smoke on intestinal movements, 8, 225-6, *rep.*
 Basch, von, *see* Mayer
 Basch, S. von., on absorption of fat, 6, 243, *rep.*
 The plethysmographic estimation of blood-pressure in man, 11, 551-2, *rep.*
 Basir, M. A., Spleen of *Echidna*, 65, 178, *P. (t.o.)*
 The vascular supply of the pituitary body of the dog, 66, 387-98
 The histology of the spleen and suprarenals of *Echidna*, 66, 628-49
 Note on the histology of lymph nodes in *Echidna*, 75, 267-8, *anat. not.*
 Basmajian, J. V., 'Spurt' and 'shunt' muscles: an electromyographic confirmation, 93, 551-3
 — & Bentzon, J. W., An electromyographic study of certain muscles of the leg and of the foot in the standing position, 87, 460-1, *P.*
 Basset-Smith, P. W., *see* Etheridge, R., jun.
 Bassett, E. G., Observations on the retractor clitoridis and retractor penis muscles of mammals, with special reference to the ewe, 95, 61-77
 Bassoe, Post-mortem of the American giant, Wilkins, 38, 362, *P.*
 Bast, T. H. & Anson, B. J., *The temporal bone and the ear*, 1949, 84, 57-8, *rev.*
 Bastian, on lethal temperature for bacteria, 7, 358, *rep.*
 Bastian, C., on fermentation of urine, 11, 566, *rep.*
 Bastian, H. C., on Pacchionian bodies, 1, 357, *rep.*
 Translated abstract of Professor W. His on a system of perivascular canals in the nerve centres, and on their relationship to the lymphatic system, 1, 347-52
 On some new methods of preserving thin sections of brain, or spinal-cord, for microscopical examination, 2, 104-9
 Basu, B. N., Persistent 'left superior vena cava', 'left duct of Cuvier' and 'left horn of the sinus venosus', 66, 268-70, *anat. not.*
 Complete absence of septum pellucidum, 69, 394-5, *anat. not.*
 Bate, A case of malformation of the anus, 39, 505-6, *rep.*
 Bate, C. Spence, on the dentition of the common mole, 2, 174, *rep.*
 Bateman, F., *Aphasia, or loss of speech, and the localisation of the faculty of articulate language*, 2nd ed., 1890, 24, 614, *rev.*
 Bateman, N., Bone growth: a study of the grey-lethal and microphthalmic mutants of the mouse, 88, 212-62
 Batneff, A case of hermaphroditus spurius feminius, 39, 499, *rep.*
 Batten, E. H., The activity of the placodes during the development of the mixed cranial nerves in the sheep embryo, 90, 585, *P.*
 The epibranchial placode of the vagus nerve in the sheep, 91, 471-89
 The activity of the trigeminal placode in the sheep embryo, 91, 174-87
 The origin of the acoustic ganglion in the sheep, 92, 660-1, *P.*
 Placodal contributions to the glossopharyngeal nerve and the developing carotid body, 94, 290, *P.*
 —, Gall, W. J., Halley, G., Harris, R. S., Rogers, A. F. & Yoffey, J. M., The effect of anoxia on the bone marrow, 88, 576, *P.*
 Battista, L. H., New researches on the deep origin of the glosso-pharyngeal, auditory, facial, abducent and trigeminal nerves, 16, 150, *anat. not.*
 Battye, C. K. & Joseph, J., The phases of activity of some muscles in walking, 98, 476, *P.*
see also Joseph, J.
 Batujew, On hermaphroditism, 40, 294, *rep.*
 Possible incomplete branchial fistulae, 40, 299, *rep.*
 Batzewitsch, Complete atresia vaginae, 40, 300, *rep.*
 Baudoin, M., Pygopagus, 27, 417, *rep.*
 on a living example of thoracoxiphopagy, 43, 117, *rep.*
 That teratomata are remnants of one of the constituent parts of a double monster, 44, 96, *rep.*
 A case of a Negro xiphopagus, now 66 years, 44, 97, *rep.*
 Bauer, A case of absence of left kidney, ureter and vesicula seminalis, 36, 304, *rep.*
 on a congenital deformity of the little finger, 43, 123, *rep.*
 Bauer, Albert, on the anatomy of a double monster, 2, 176, *rep.*
 Bauer, C., A case of anterior abdominal fissure, 30, 462, *rep.*
 Bauer, J., on absorption of albuminous substances in large intestine, 4, 187, *rep.*
 Bauer, K. Fr. editor, *Medizinische Grundlagenforschung*: Bd. III, 1960, 95, 276, *rev.*
 Bauer, W., *see* Morrison, L. R. & Cobb, S.
 Baumann, E., on conjugate sulphuric acids in the organism, 11, 567, *rep.*
 Baumel, J. J. & Beard, D. Y., The accessory meningeal artery of man, 95, 386-402
 Baumgart, A case of vesicular mole, 37, 299-300, *rep.*
 Baumstark, on cholic acid, 7, 352, *rep.*
 on cholic acid, 8, 209, *rep.*
 Baumstark, F., on a new constituent or urine [α amino-propionic amide] 9, 241-2, *rep.*
 on two pathological urinary colouring matters, 10, 650, *rep.*
 Baun, on mode of secretion of gastric juice, 8, 414, *rep.*
 Baxby, K. & Scothorne, R. J., Trypan blue and the homograft reaction, 100, 693, *P.*
 Baxt, on physiological action of the opium alkaloids, 2, 422, *rep.*
 on time required for visual perception, 6, 223-4, *rep.*
 on stimulation of cutaneous nerves by H_2SO_4 , 7, 177-8, *rep.*
see also Helmholtz
 Baxt, N., on the relation of the vagus to the accelerans, 11, 557, *rep.*
 Baxter, D., *see* Olszewski, J.
 Baxter, E. W., Anaesthetization of lampreys, 93, 570, *P. (TV dem.)*
 Baxter, J. S., The development of the vagina in the rabbit, 67, 555-62; 67, 210-11, *P. (disc. only)*
 Some observations on the development of the vagina in the pig, 68, 239-50; 68, 143, *P.*
 Vaginal development in mammalia, 72, 156, *P.*
 The application of the trichrome staining methods to embryological technique, 75, 137-40
 The growth cycle of the cells of the adrenal cortex in the adult rat, 80, 139-46
 Cellular growth and degeneration in the rat adrenal cortex, 80, 227, *P.*
 Effects of pituitary adrenotropic hormone upon cell multiplication and the distribution of lipid and birefringent material in the rat adrenal cortex, 80, 232-3, *P.*
 Alkaline phosphatase in the renal tubules, 83, 82-3, *P.*
 Alkaline phosphatase in the mesonephric and metanephric tubules of man, 84, 77, *P.*

- Baxter, J. S.**, Intravital staining of the rat testis with trypan blue, 90, 596, P.
 editor, *Frazer's Manual of embryology*, 3rd ed. 1953. 88, 110-11, rev.
- & **Boyd, J. D.**, Observations on the neural crest of a ten-somite human embryo, 73, 318-26
 Human embryo of ten somites, 72, 176, P.
 Abnormal development of the brain in an 8 mm. pig embryo, 72, 422-9; 72, 151-2, P.
- & **Yoffey, J. M.**, Vital staining of the neonatal rat kidney, 81, 404, P. (dem.)
 The post-natal development of renal tubules in the rat, 82, 189-97
 Post-natal development of the renal tubules in the rat, stained intravital, 81, 395, P.
 Histochemistry of the suprarenal cortex in man and chimpanzee, 81, 402, P.; 81, 404, P. (dem.)
 see also Beck, F.
 Boyd, J. D.
 Leeson, T. S.
 Yoffey, J. M.
- Baxter Tyrie, C. C.**, see Tyrie, C. C. Baxter
- Bayer**, Abdominal teratoma, 39, 506, rep.
- Bayer, O.**, on first heart sounds, 5, 212, rep.
- Bayon**, Cretinism, 39, 499, rep.
 On cretinism and allied conditions, 40, 293-4, rep.
- Beailey**, on a case of distichiasis in a boy, 43, 119, rep.
- Beale, L. S.**, on blood, and nutrition of tissues, 2, 192-3, rep.
 on anatomy of the papillae of the frog's tongue, 3, 451, rep.
 on nervous mechanism in auricle of frog's heart, 3, 455, rep.
 on relation of nerve fibres to capillary and pigment cells, 6, 436, rep.
 see also Todd, R. B. & Bowman, W.
- Beament, J. W. L.**, editor, *Biological receptor mechanisms. Symposia of the Society for Experimental Biology*, No. XVI, 1962. 97, 466, rev.
- Bean, R. B.**, *The races of man. Differentiation and dispersal of man*. 1932. 67, 488, rev.
- Beard**, embryology of tumours, 38, 364, P.
- Beard, D. Y.**, see Baumel, J. J.
- Beard, J.**, The germ cells, part I, *Raji batis*, 38, 82-102; part I, contd., 38, 205-32; part I, contd., 38, 342-59
- Bearn, J. G.**, The effect of foetal hypophysectomy on the thymus, 94, 284, P.
 The influence of the foetal pituitary-adrenal axis on the accumulation of alkaline phosphatase in the duodenal epithelium of the foetal rabbit, 100, 449-50, P.
- Beaton, L. E.**, see Anson B. J. & McDonald, J. J.
- Beatson, G. T.**, Report on recent physiological papers, 13, 252-65
 On the origin and composition of the bodies found in compound ganglia, 13, 449-53
 On the disease called sturdy in sheep, in its relation to cerebral localisation, 14, 205-20
- Beattie, F. J. R. & Morton, W. R. M.**, Note on a case of patent ductus arteriosus and patent foramen ovale in a mature sheep, 73, 662-3, anat. not.
- Beattie**, Abnormal brain of a child, 69, 138, P.
- Beattie, J.**, The early stages of the development of the ileo-colic sphincter, 59, 56-9
 Diaphragmatic hernia in primates, 61, 488, P.
 The sympathetic nervous control of the heart, 63, 165, P. (t.o.)
 The higher sympathetic centres in the diencephalon, 64, 124-5, P.
 Oculomotor nerve, 65, 177, P.
- The secretory mechanism of the lachrymal gland, 66, 148, P.
- Cerebellar agenesis, 66, 151, P.
- The mesencephalic nucleus of the trigeminal nerve, 67, 208, P.; 67, 213, P. (dem.)
- Hypothalamic mechanisms, 67, 208-9, P.
- Afferent fibres of the great splanchnic nerve, 71, 150, P. (t.o.)
- Further evidence for the existence of a parasympathetic centre in the hypothalamus, 71, 151-2, P.
- , **Duel, A. B. & Ballance Sir Charles**, The effects of stimulation of the hypothalamic pupillo-dilator centre after successful anastomoses between the cervical sympathetic and certain motor nerves, 66, 283-99
- & **Horsfall, F. L.**, An anomalous facial muscle, 65, 145-8
- & **Kerr, A. S.**, Some observations on the hypothalamus, 70, 197, P.
- , **O'Shaughnessy, L. & Slome, D.**, Revascularization of the heart, film, 72, 619, P.
- & **Slome, D.**, Electrocephalograms, 72, 626, P. (dem.)
- & **Thomson, D. L.**, Studies in the living gland cells, 68, 149, P. (disc. only)
 see also Clark, W. E. Le Gros, Riddoch, G. & Dott, N. M.
 MacDonald, P. R.
 Whitnall, S. E.
 Woollard, H. H.
- Beau, G.**, Stria olfactoria mediana in the human brain, 93, 585, P. (t.o.)
- Beaufumé & Caron**, Situs mutatus in Negro aged 47, 38, 362, P.
- Beaujon, O.**, *Anatomia de la articulacion Temporomaxilar*, 1962. 98, 461, rev.
- Beaunis**, on effects of local injection of corrosive and other fluids into the brain, 7, 177, rep.
- Beaunis, H.**, *Nouveaux éléments de physiologie humaine*, 1876. 10, 438-9, rev.; 10, 658, rep.
- Béchamp**, on production of urea, 5, 225, rep.
 on organic particles in milk, 8, 209, rep.
 on cause of coagulation of casein by rennet, 8, 209, rep.
 on the red colouring matter of blood, 9, 221, rep.
 on casein and albumin, 9, 234, rep.
- Béchamp, J.**, On the albumens in hydrocele, 13, 258, rep.
- & **Baltus, E.**, On the modifications produced by the animal organism on different albuminous substances injected into the vessels, 13, 255-6, rep.
- Beck, C.**, on persistent branchial fistula, 27, 418, rep.
- Beck, Elisabeth**, A cytoarchitectural investigation into the boundaries of cortical areas 13 and 14 in the human brain, 83, 147-57
- & **Daniel, P. M.**, On the presence of nerve fibres in the pars tuberalis of ungulates after pituitary stalk section, 94, 574, P.
 see also Meyer, A.
- Beck, F.**, Comparison of the different teratogenic effects of two commercial samples of trypan blue, 95, 452, P.
 Observations on trypan blue toxicity, 95, 614, P.
- & **Baxter, J. S.**, The blood supply of the diaphragm in the rat, 93, 567, P.
 A rare abnormality of the posterior vena cava in the dog, 93, 578-9, P.
 Some observations on diaphragmatic blood supply, 94, 224-30
- & **Lloyd, J. B.**, The teratogenic properties of pure trypan blue and its contaminants, 97, 145, P.
 The relationship of foetal resorption to foetal malformation, 97, 307-8, P.

Author Index

- Beck, F., & Lloyd, J. B., An investigation of the relationship between foetal death and foetal malformation, 97, 555-64
The effects upon foetal mortality of a teratogenic agent given at different stages of pregnancy, 97, 622, P.
A histochemical study of embryotrophic nutrition in the rat, 100, 432, P.
Teratogenesis by inhibition of embryotrophic nutrition, 100, 928, P.
see also Lloyd, J. B.
- Becker, on the skeleton of a eunuch, 33, 500 (*ref. only*)
- Becker, O., on transplantation of rabbit conjunctiva to human conjunctiva, 9, 414, *rep.*
- Beckett, E. B. & Bourne, G. H., Some observations on the histochemistry of goat foetal cardiac and skeletal muscle, 90, 576, P.
- & Macdonald, W. W., Comparative histochemical study of two nematodes parasitizing striated muscle, 99, 408, P.
- Becquerel, on electro-capillary forces and phenomena of life, 8, 410, *rep.*
- Bédart, on familial ectrodactyly, 27, 422-3, *rep.*; 28, 378, *rep.*
on the presence of accessory scaphoid tubercles and the ossification of sesamoid bones in the foot, 33, 680 (*ref. only*)
- Beddard, F. E., Note on the structure and development of the ovum in an annelid (*Eudrilus*) 22, 9-14
Contributions to the anatomy of anthropoid apes, 30, 312-13, *rev.*
- Bedford, J. M., Changes in fine structure of the rabbit sperm head during passage through the epididymis, 99, 891-906
- Beer, B., Development of the Sylvian fissure in the human embryo, 24, ix-xi, P.
- Beesly, L. & Johnston, T. B., *A manual of surgical anatomy*, 4th ed. 1930. 65, 404-5, *rev.*
- Beevor, C. E., Right cerebral hemisphere exhibiting complete interruption of the fissure of Rolando, 40, xi-xiii, P.
- Beevor, I., The bilateral action of the latissimus dorsi, 33, 351-2, *anat. not.*
- Begg, R. Campbell, The urachus: its anatomy, histology and development, 64, 170-183
- Beigel, H., on cryptorchismus, 2, 176, *rep.*
Researches on the nature and action of Indian and African arrow-poison, 2, 329-60
- Belina-Swiontkowski, on blood-transfusion, 4, 324, *rep.*
- Beljaew, S., *see* Naumow
- Bell, A. L., The influence of a previous sire, 30, 259-74
- Bell, C. (later Sir Charles), reprint of the 'Idea of a new anatomy of the brain' and a selection of letters, 3, 147-182
Sir Charles Bell, his life and times (Gordon-Taylor & Walls) 1958. 92, 632, *rev.*
- Bell, F. R., The localization within the dorsal motor nucleus of the vagus of the efferent fibres to the ruminant stomach, 94, 410-17
see also Baldwin, B. A.
- Bellairs, A. d'A., Observations on Jacobson's organ and its innervation in *Vipera berus*, 76, 167-77
Jacobson's organ and the orbital glands in certain snakes and lizards, 77, 121, P.
Observations on the snout of *Varanus*, and comparison with that of other lizards and snakes, 83, 116-46; 83, 84, P.
The limbs of snakes, 85, 410-11, P.
Experiments on the development of the interorbital septum in chick embryos, 89, 568, P.
Development of the interorbital septum in chick embryos, 91, 568, P.
- & Boyd, J. D., Observations on the lachrymal apparatus in squamata, 80, 224, P.
Cleft palate in snakes, 85, 427, P.
- & Shute, C. C. D., Observations on the narial musculature of crocodilia and its innervation from the sympathetic system, 87, 367-78; 87, 448, P.
see also Crompton, A. W.
Maderson, P. F. A.
Shute, C. C. D.
- Bellairs, Ruth, The presumptive foregut area in the chick blastoderm, 85, 429, P.
The effects of some mitotic inhibitors on the early development of chick embryos, 88, 548-9, P.
Cell death in chick embryos as studied by electron microscopy, 95, 54-60
- , Harkness, M. L. & Harkness, R. D., The vitelline membrane of the hen's egg, 97, 307, P.
- Bellamy, E., Singular malformation of wrist and hand, 8, 383
Note on the absence of the quadratus femoris muscle and on a spine possessing a sixth lumbar vertebra, the first rib being rudimentary, 9, 185-6
- Bellocq, A contribution to the study of the temporal region of the cat, 61, 503, P.
demonstration of the temporal bone of the cat, 61, 517, P.
- Bellot, Malformation of the heart, 31, 459, *rep.*
- Bellucci, R. J., *see* Wolff, D. & Eggston, A. A.
- Bembridge, B. A., *see* Pirie, A. & Crawford, G. N. C.
- Bence-Jones & Dupré, animal quinoidine in the tissues of man and lower animals, 1, 161, *rep.*
- Benda, *see* Nake
- Bendall, H., Note on a new method of preserving the colours of tissues, 14, 495-510
- Beneden, E. van, on the evolution of *Gregarinidae*, 6, 448-9, *rep.*
on description of *Sotalia brasiliensis*, 9, 404, *rep.*
on an archenteric canal in man, 33, 684 (*ref. only*)
- Beneden, P. J. van, on commensalism in animal kingdom, and commensals and parasites of *Cetacea*, 5, 197-8, *rep.*
on fish parasites and commensals, 5, 386, *rep.*
anatomy of *Balaenoptera musculus*, 6, 445, *rep.*
on remains of fossil seals, 6, 446, *rep.*
on fossil whales of the Antwerp collection, 7, 173, *rep.*
on osteology of Dugong and manatee, 7, 336, *rep.*
on *Orca capensis* and *Lagenorhynchus de Castelnau*, 8, 176, *rep.*
Baleen whales of New Zealand, 9, 404, *rep.*
- Benedikt, M., on innervation of inferior choroid-plexus, 8, 392, *rep.*
on innervation of plexus chorioides inferior, 9, 220, *rep.*
on physiology and pathology of the medulla oblongata, 9, 412, *rep.*
Brain of carnivores and man, 13, 267 (*t.o.*); comment by Turner, 13, 273
Occipital lobe of mammals, 13, 267 (*t.o.*)
Some points on the surface anatomy of the brain: an open letter to Sir William Turner, 25, 210-21
- Beneke, on cholesterin, 10, 650, *rep.*
- Beneke, F. W., *Constitution und constitutionelles Kranksein des Menschen*, 1881. 21, 675-9, *rev.*
- Benham, W. B., Description of the cerebral convolutions of chimpanzees and two oranges, 30, 312, 313, *rev.*
- Benians, T. C., Arrangement and action of the musculature at the uretero-vesical orifice, 43, v, P. (January 1908) (*t.o.*)
- Benians, T. H. C. & Jones, H. Emlyn, Congenital deficiency of a portion of the thoracic skeleton, 44, 67-72

- Benicke**, on the transference of matters from the mother to the foetus, 10, 654, *rep.*
- Benington, R. C.**, Dissection of a symelian monster, 25, 202-9
- Benner, G.**, *see* Morris, J. M. & Lucas, D. B.
- Bennet, W. H., & Rolleston, H. D.**, Abnormal arrangement of the ileo-caecal portion of the intestine, 25, 87-9; 24, xix, *P.*
- Bennett & Patten**, Xiphopagous twins, 39, 503, *rep.*
- Bennett, A.**, on action of theine, caffeine, guaranine, cocaine, theobromine on warm- and cold-blooded animals, 8, 225
- Bennett, E. H.**, On the ossicle occasionally found on the posterior border of the astragalus, 21, 59-65
- Bennett, F. W.**, On a communication between the air bladder and the cloaca in the herring, 14, 405-6
- Bennett, J. Hughes**, Note on the origin of hyaline or diaphanous corpuscles, 1, 322
on the origin of infusoria 2, 415-16, *rep.*
- Benoit**, demonstrations on the ovary, 61, 515, *P.*
- Bense, W.**, on nerve endings in glans penis and clitoris 3, 198, *rep.*
- Bensley, B. A.**, *Practical anatomy of the rabbit* (revised and edited by E. Horne Craigie) 1938. 73, 503, *rev.*
- Benson, G. K. & Brown, Barbara**, Cytomorphology of milk secretion in the rat, 100, 689, *P.*
- & **Phillips, J. G.**, Observations on the histological structure of the supraorbital (nasal) glands from saline-fed and freshwater-fed domestic ducks (*Anas platyrhynchos*) 98, 571-78
- — & **Holmes, W. N.**, Observations on the histological structure of the nasal glands of the turtle, 98, 290, *P.*
- Bentall, H. H.**, *see* Harrison, R. J.
- Bentley, F. H.**, Wound healing *in vitro*, 70, 498-506; 70, 197-8, *P.*
- & **Hill, Miss M.**, Repair of divided nerves and fate of nerve grafts, 71, 150-1, *P. (disc. only)*
- Bentzon, J. W.**, *see* Basmajian, J. V.
- Beresford, W. A. & Hancox, N. M.**, The influence of snips of bladder dispersed in polyurethane sponge or deproteinized bone on the repair of skull defects in guinea-pig and rat, 99, 407-8, *P.*
- Beresin**, on reflexes of the nervous system, 1, 157, *rep.*
- Bergeon**, on moistening function of lacrimal gland in respiration, 6, 235, *rep.*
- Berger**, on the physiological action of amyl nitrite, 10, 658, *rep.*
- Berger, A. J.**, *Elementary human anatomy*, 1964. 99, 403, *rev.*
- Berger, P.**, on structure of umbilical vessels, 7, 171, *rep.*
- Bergeret**, *see* Mayençon
- Bergerhoff, W.**, *Atlas anatomischer Varianten des Schädels im Röntgenbild*, 1964. 99, 676, *rev.*
- Bergh, R.**, on epispadias 2, 401, *rep.*
on several forms of Nudibranchs, 8, 178, *rep.*
- Bergkammer**, Inklusio foetalis, 32, 786, *rep.*
- Berlin**, on movements of the eyeball, 6, 226, *rep.*
on section of the optic nerve, 8, 187, *rep.*
- Berlinerblau, Fanny**, passage of arteries in veins in rabbit's ear, 10, 450, *rep.*
- Bernard**, on animal heat, 7, 358, *rep.*
on temperature of blood in right and left ventricles of heart, 8, 431, *rep.*
- & **Berthelot**, on actions of anaesthetics, 11, 575, *rep.*
- Bernard, C.**, on the grafting experiment of joining adult animals, 1, 164, *rep.*
on the vitality of tissues in grafting experiments in animals, 1, 163-4, *rep.*
on combined actions of morphia and chloroform, 4, 166-7, *rep.*
on influence of heat on animals, 6, 236, *rep.*
on lectures on diabetes and the glycogenic function of liver, 8, 418, *rep.*
on calorification in asphyxia, 8, 427, *rep.*
on trophic and vasodilator nerves, 9, 413, *rep.*
on the blood and glycaemia, 9, 416, *rep.*
An introduction to the study of experimental medicine, trans. by H. C. Greene, 1927. 63, 395-6, *rev.*
- Bernard, H. & M.**, translators, *The structure of man an index to his past history* (Wiedersheim) 1895. 30, 316-18, *rev.*
- Bernhardt**, on water content of central nervous system, 10, 623-4, *rep.*
see also Jacobson,
Jacobson and Leyden,
Kowalevsky & Adamuk,
- Bernheim**, on action of electricity on nerves and muscles, 8, 213, *rep.*
on action of the electrical current in different directions of nerves and muscles, 8, 400, *rep.*
A case of quintuplets, 40, 296, *rep.*
- Bernheimer**, on four examples of unilateral anophthalmus congenitus in rats, 43, 118, *rep.*
- Berns**, on mechanism of carbon dioxide in respiration, 5, 215, *rep.*
- Bernstein**, on the effect of blood pressure on heart rate, 1, 360, *rep.*
on actions of chloroform, 2, 184, *rep.*
on technique of replacement by saline, 5, 402-3, *rep.*
Investigations on the stimulation of nerve and muscle, 1871. 6, 223, *rep. (i.o.)*
on circulation in the brain, 6, 478-80, *rep.*
on activity of nerves during stimulation, 7, 344, *rep.*
on Goltz' absorption experiments, 7, 348-9, *rep.*
on electrotonus, 8, 213, *rep.*
on initiation of heart-beat, 11, 549-50, *rep.*
- Bernstein, J.**, on researches on the nature of the electrotonic state...., 2, 190, *rep.*
on electrotonus and inner mechanics of nerves, 9, 218, *rep.*
on auditory recording of muscular contractions, after chemical and electrical stimulation, 10, 652, *rep.*
- & **Steiner, J.**, on the transmission of contraction and negative variation in the mammalian muscle, 11, 568-9, *rep.*
- Bernstein, N. O.**, on secretion of the pancreas, 4, 325-6, *rep.*
on diffusion of gases between arterial and venous blood, 5, 404, *rep.*
- Berry**, Xiphopagous twins, 39, 503, *rep.*
- Berry, G. A. & Rutherford, W.**, Note on Pflüger's law of contraction, 10, 604-8
- Berry, J.**, Suspensory ligaments of the thyroid gland, 22, iv-v, *P.*
- Berry, M.**, Histogenesis in the cerebral cortex, 97, 478, *P.*
- & **Eayrs, J. T.**, The effects of X-irradiation on the development of the cerebral cortex, 100, 707-22
- & **Holmes, R. L.**, Ultrastructure of foetal rat cerebral cortex, 99, 940-1, *P. (dem.)*
- & **Rogers, A. W.**, The migration of neuroblasts in the developing cerebral cortex 99, 691-709
- — & **Eayrs, J. T.**, The pattern and mechanism of migration of the neuroblasts of the developing cerebral cortex, 98, 291-2, *P.*
- Berry, R. J. A.**, The stomach and pylorus, 34, 153-8
Photographs of saphenous opening and anticubital fossa, 34, xxxiv, *P. (July 1899)*

- erry, R. J. A., The true caecal apex, or the vermiform appendix: its minute and comparative anatomy, 35, 83-100
- A case of os parietale bipartitum in an Australian aboriginal skull, 44, 73-82
- Brain and mind, or the nervous system of man, 1928, 63, 389-90, *rev.*
- A cerebral atlas.... 1938, 73, 501-2, *rev.*
- & Crawford, J., On the stomach and pylorus, 33, xxvii-ii, P.
- & Lack, L. A. H., The vermiform appendix of man, and the structural changes therein coincident with age, 40, 247-56; 40, iv-v, P.
- & Sinclair, J. D., The anatomical variations presented by a case of a thoracopagus lamb monster, together with an account of the developmental explanation of the same, 41, 72-82; 43, 118, *rep.*
- erry Hart, D., *see* Hart, D. Berry
- ert, on effect of different coloured lights on etiolation of animals, 4, 330-1, *rep.*
- on influence of change in atmospheric pressure, 6, 234-5, *rep.*
- on influence of barometric pressure on the phenomena of life, 7, 358, *rep.*
- on effects of oxygen excess on vertebrates, invertebrates and isolated tissue, 8, 215-16, *rep.*
- & Jolyet, on absorption of various substances by the bladder, 4, 331, *rep.*
- ert, P., on actions of chloroform and ether [ethyl ether] 2, 185, *rep.*
- on movements of sensitive plants, 2, 417, *rep.*
- on action of curara, 4, 169, *rep.*
- on effect of stimulation of vagus, superior laryngeal and nasal nerves on respiration, 4, 186, *rep.*
- on blood gases during administration of chloroform, 4, 312, *rep.*
- on the cold-caloric test on ear, 4, 326, *rep.*
- Leçons sur la physiologie comparée de la respiration, 1870, 5, 191, *rev.*
- on experiments on respiration of tissues, 5, 218-21, *rep.*
- on action of sea water on fresh-water animals, 6, 246, *rep.*
- on effect of changes of barometric pressure, 6, 489-90, *rep.*
- on the capacity of blood for oxygen at different barometric pressures, 8, 403, *rep.*
- on oxygen absorption of blood at different barometric pressures, 10, 644-5, *rep.*
- on influence of compressed air on fermentations, 10, 654, *rep.*
- On the employment of oxygen at a high tension for physiological investigation, 13, 241, *abs.*
- Bertacchini, P., Cyclopia, 31, 456, *rep.*
- Blastoporic rim in development of embryo, *Rana esculenta*, 34, 410, *rep.*
- Anencephaly and lumbosacral spina bifida, 6-week embryo, 34, 412, *rep.*
- So-called maternal impression, 35, 499, *rep.*
- Bertaux, A., on malformation of the anus, 26, 433, *rep.*
- Berthelot, *see* Bernard
- Berthelot, M., On the limits of the sensibility to odours and of the methods of detecting emanations, 39, 492, *abs.*
- Berthold, on circulation of blood in closed cavities, 4, 324, *rep.*
- Bertin & Oui, Ectromelia affecting all extremities, 39, 507, *rep.*
- Bertino, A., Eventration, 1 case, 34, 419, *rep.*
- Bertram, E. G., *see also* Barr, M. L.
- Bertrand, I., *see* Guillaing, G.
- Besser, on mechanical action of the digital muscles, 33, 681 (*ref. only*)
- Bethell, F. H., *see* Rebeck, J. W. and Monto, R. W.
- Bettany, G. J., *see* Parker, W. K.
- Betti, on the relation of the larynx to the vertebral column in man, 33, 683 (*ref. only*)
- Bettmann, on the shape of the stomach, 33, 354 (*ref. only*)
- Betz, W., on methods of examination of the central nervous system in man, 7, 329, *rep.*
- Bever, on the motor centre for cardiac acceleration, 1, 360, *rep.*
- on cardiac accelerator nerves in rabbit and dog, 2, 191, *rep.*
- Bewley, H., On the changes produced in the lungs of sheep by a parasitic worm (*Strongylus filaria*) 21, 374-7
- Beyers, C. F., Normal and abnormal negroid septa pellucida, 59, 358-78
- Bezold, A. von, on effect of veratria on contraction of muscles, 1, 361, *rep.*
- on cardiac accelerator nerves in the rabbit and dog, 2, 191, *rep.*
- on influence of blood loss on pulse-rate, 2, 409-10, *rep.*
- on effect of coronary occlusion on heart action, 2, 410, *rep.*
- & Blöbaum, F., on the action of atropin, 1, 361, *rep.*; 2, 422-3, *rep.*
- & Gschleiden, on the locomotion of blood by muscular force of vessels, 2, 412, *rep.*
- & Hirt, on the action of veratria, 1, 361, *rep.*
- & Stezinsky, on the effect on blood-pressure of heart-rate, 1, 360, *rep.*
- on the effect on intra-cardiac pressure on heart-rate, 2, 409, *rep.*
- & Uspensky, on influence of posterior root of a spinal nerve on the irritability of anterior, 2, 412-13, *rep.*
- Bezold, W. von, on a binocular mixture of colours, 10, 204, *rep.*
- Bhajeckar, Chitale, *see* Chitale-Bhajeckar
- Bhargava, K. N. & Williams, T. H., The impulse conducting tissues of the heart, 98, 693, P.
- The 'neurility' of the cardiac nodes and the atrio-ventricular bundle, 98, 684, P.
- Bhattachayya, B., Three cases of right-sided sigmoid colon, 60, 229-32
- Bhuyan, R. K., A method for a permanent preparation of blood and bone-marrow reticulocytes, 98, 300-1, P. (*dem.*)
- The effect of intermittent hypoxia on haemopoiesis, 99, 207-8, P.
- see also* Yoffey, J. M.
- Bianchi, L., Mechanism of the brain and the function of the frontal lobes, translated by J. H. MacDonald, 1922, 58, 282-3, *rev.*
- Bianchi, S., on squama ossification of occipital bone, 27, 420, *rep.*
- Bichelonne, on cases of bilateral branchial fibro-chondromata of the neck and pre-auricular region, 43, 119, *rep.*
- Bichet, on microphthalmia, 27, 418, *rep.*
- Bidder, A., on artificial arrest of the growth of long bones by irrigation of epiphyses, 8, 425, *rep.*
- on hypertrophy of ear after cervical sympathectomy, 9, 214-15, *rep.*
- Bidder, F., on splanchnic nerves and coeliac ganglion, 4, 304, *rep.*
- Bidone, Description of a pedunculated appendage, 37, 306, *rep.*
- Biedert, P., on investigations into milk (human and cow's) as food, 9, 447, *rep.*
- Biedl, A., Innere Sekretion: ihre physiologische Grundlagen und ihre Bedeutung für die Pathologie, 2nd ed., parts I and II, 1913, 48, 352-3, *rev.*

- Biggers, J. D.**, The carbohydrate components of the vagina of the normal and ovariectomized mouse during oestrogenic stimulation, 87, 327-36
- & **Claringbold, P. J.**, Mitotic activity in the vaginal epithelium of the mouse following local oestrogenic stimulation, 89, 124-31
see also Creed, R. F. S.
- Biggs, P. M. & King, A. S.**, Experimental observations on respiration through the humerus of *Gallus domesticus*, 89, 567-8, P.
- Bilhaut, M.**, on congenital coccygeal fistula, 26, 433, rep.
- Bill, J. H.**, on effects of potassium bromide on nervous system, and excretion of urine, faeces and carbon dioxide, 3, 220-1, rep.
- Billard & Cavalie**, on the function of the diaphragmatic branches of the intercostal nerves, 33, 353
- Billingham, R. E.**, Dendritic cells, 82, 93-109
Dendritic cells in pigmented human skin, 83, 109-15
- & **Medawar, P. B.** (later Sir Peter), A note on the specificity of the corneal epithelium, 84, 50-6
The epidermal melanocyte as a 'squamous' cell, 87, 440, P.
Contracture and intersusceptive growth in the healing of extensive wounds in mammalian skin, 89, 114-23
- Bingham, J. A.**, see Blair, D. M.
- Binz**, on action of antiseptics on infusions, 2, 187, rep.
on effect of alcohol on body temperature, 4, 170-1, rep.
on antipyretic action of quinia and alcohol, 5, 204, rep.
on effect of quinia on leucocytes, 7, 196, rep.
on action of quinine in blood, 8, 198, rep.
on action of quinia on blood oxidation changes, 8, 224-5, rep.
on role of oxygen in the formation of pus, 8, 403, rep.
on quinine and blood, 8, 403, rep.
- Binz, C.**, On some effects of alcohol on warm-blooded animals, 8, 233-42
effects of alcohol on warm-blooded animals, 8, 427, rep.
- Birbeck, M. S. C.**, Electron microscope technique for macro-molecules, 93, 577, P.
- , **Breathnach, A. S. & Everall, J.**, Electron microscopy of the high level clear cell (Langerhans cell) in normal and vitiliginous human epidermis, 94, 572, P.
see also Breathnach, A. S. and Everall, J. D.
Howe, A. & Richardson, K. C.
- Birch, de Burgh**, A new model for demonstrating the action of the muscles of the eyeball, 22, 107-8
- Birchenough, R. F.**, see Johnson, F. R. & McMinn, R. M. H.
- Birchmeier, P.**, Activity and DNA content in mouse liver cells, 99, 955, P.A.S.A.N.Z.
- Bird**, Dermoid cyst of sternum, 39, 504, rep.
- Bird, G.** on elder pith as an imbedding material for sections, 9, 404, rep.
- Birkner, F.**, *Einiges über Zwergenwuchs*, 1899, 35, 271, 275, rev.
- Birks, E. I.**, see Fisher, A. W. F. & Anderson, R. H.
- Birmingham, A.**, The homology and innervation of the achselbogen and pectoralis quartus, and the nature of the lateral cutaneous nerve of the thorax, 23, 206-23
Notes on the arrangement of the lumbar and sacral nerves in a subject with six lumbar vertebrae, 24, i, P.
Variability in the level of attachment of the lower limb to the vertebral axis in man, 25, 526-34
on congenital solitary kidney, 26, 437, rep.
on cervical spina bifida, 1 case, 27, viii, P.
- Extreme anomaly of the heart and great vessels, 27, 139-50; 27, ix, P.
- The nerve of Wrisberg, 30, 63-9
- The topographical anatomy of the spleen, pancreas, duodenum, kidneys, etc., 31, 95-113
- A model of the abdominal viscera, 31, ii, P.
- The shape and position of the bladder in the child, 32, 458-67
- Asymmetry of the sternum, 32, 790, rep.
demonstration of topographical anatomy of certain abdominal viscera, 32, iii, P.
- A study of the arrangement of the muscular fibres at the upper end of the oesophagus, 33, 10-21
- The arrangement of the muscular fibres of the stomach, 33, 22-30
- Some points in the anatomy of the digestive system, 35, 33-66
- Birmingham, A.**, see also Dixon, A. Francis Smith, A. J.
- Birnbaum, G. L.**, *Anatomy of the bronchovascular system*, c. 1954. 89, 268, rev.
- Birren, J. E., Imus, H. A. & Windle, W. F.**, editors, *The process of aging in the nervous system*, 1959. 95, 140-1, rev.
- Bischitz, P. G. & Snell, R. S.**, The effect of testosterone and orchidectomy on the activity of the melanocytes in the skin, 92, 643, P.
The effect of ovariectomy, oestrogen and progesterone on the activity of the melanocytes in the skin, 92, 646, P.
A study of the melanocytes and melanin in the skin of the male guinea-pig, 93, 233-45
see also Snell, R. S.
- Bischoff, E.**, anastomoses of the cranial nerves, 1, 148-9, rep.
on topography of cerebral convolutions 4, 157, rep.
- Bischoff, T. L. W. von**, *Beitrage zur Anatomie des Hylobates leuciscus und zur einer vergleichenden anatomie der Muskeln der Affen und des Menschen*, 1870. 5, 373, 374, rev.
- Brain of a gorilla and the convolutions of apes, 13, 266 (t.o.); comment by Turner, 13, 277
- Brain of Orang-utan, 13, 266 (t.o.); comment by Turner, 13, 277
- Brain and intestines of chimpanzee (female) 13, 266 (t.o.); comment by Turner, 13, 277
- On the brain and cerebral convolutions of the gorilla, 13, 266 (t.o.); comment by Turner, 13, 278
- Bishop Harman, N.**, see Harman, N. Bishop
- Bishop**, Heart and anterior arteries in dicephalous monsters, 44, 98, rep.
- Bishop, M. H.**, Facial musculature, 93, 570, P.
- Bishun, N. P.**, see Meban, C., Bishun, N. P. & Morton, W. R. M.
Morton, W. R. M., Robinson, J. S. & Rashad, N. M.
- Biswas, S.**, see MacDougall, J. D. B. & Cook, R. P.
- Bito, F.**, see Kosaka, K.
- Bitot**, Topography of the cerebrum, studied by thick serial sections, 13, 267 (t.o.); comment by Turner, 13, 272
- Bittorf**, Two cases of imperfect unilateral development of the pectoral muscles, 44, 101, rep.
- Bizarro, A. H.**, On sesamoid and supernumerary bones of the limbs, 55, 256-68
- Bizzozzero, G.**, on haemopoiesis in marrow, 3, 460-1, rep.
- Björkman, N.**, Fine structure of the ovine placentome, 99, 283-97
- Blachford, J. V.** see Fawcett, E.
- Black**, on abnormal intracranial course of internal carotid artery, 22, vii, P.

Author Index

- Black**, specimen of bifurcation of rib and costal cartilage, 28, ix, *P.*
 a specimen of a divided internal cuneiform bone, and two specimens of os styloideum, 28, xx, *P.*
 Demonstration of an axis with a median cleft of the neural arch, 31, xxx, *P.*
- Black, D. Davidson**, Two cases of cardiac malformation—more especially of the infundibular region, 48, 274-9
- Black, I. H.**, see De Garis, C. F. & Riemenschneider, E. A.
- Black, J.**, Report of a case of cervical ribs, 33, xlvii-1, *P.*
- Blackburn, P. S.**, see Jenkinson, D. M. & Sengupta, B. *P.*
- Blacker, G. F.**, Some observations on the topographical anatomy of the fourchette, 30, 283-8; 30, ii, *P.*
- Blackhall-Morison, A.**, see Morison, A. Blackhall
- Blackstock, J. S.**, see Loughridge, J. S.
- Blackwall**, on the copulation of spiders, 1, 371-2
- Blackwood, H. J. J.**, The vascular canals of the condylar cartilage of the mandible, 94, 450, *P.*
 Cartilage growth in the mandibular condyle of the rat using ³H-thymidine, 96, 414, *P.*
 Vascularization of the condylar cartilage of the human mandible, 99, 551-63
 see also Appleton, J. & Blackwood, H. J. J.
 Greenspan, J. S.
- Blair, D. M.**, A note on the post-coronal sulcus, with dissections of the epicranial aponeurosis in two cases of its occurrence, 56, 44-7
 A study of the central tendon of the diaphragm, 57, 203-15
 The nature of the post-coronal depression, 59, 3, *S.P.*
 A study of the central tendon of the diaphragm, 59, 43, *S.P.*
 A peripheral neural mechanism on capillaries of striate mammalian muscle, 61, 498, *P.*
 The presence of deep submaxillary lymph glands in the substance of the submaxillary salivary gland, 64, 111-12, *P.*
 Demonstration of skull with missing right lateral sinus groove and incomplete superior longitudinal sinus groove, 65, 175, *P.*
 Congenital absence of the tibia, 66, 147, *P. (t.o.)*
- , **Bacsich, P. & Davies, F.**, The nerve cells in the spinal ganglia, 70, 1-9
- & **Bingham, J. A.**, The nerves to the arteries of the human leg, 63, 162-3, *P.*
- & **Brown, D. B.**, An improved cerebrotome, 72, 626, *P.*
- & **Davies, F.**, Nerve elements in the conducting system of the heart, 67, 211, *P. (dem.)*
 The conducting system of the heart, 68, 151-2, *P.*
 Observations on the conducting system of the heart, 69, 303-25
 Sections of entire heart, 71, 141, *P. (t.o.)*
 The conducting system in the human and in the calf heart, 74, 137-8, *P.*
- — & **Francis, E. T. B.**, The conducting system of the marsupial heart, 77, 115, *P.*
- — & **McClelland, E. W.**, Differential staining of thick sections of brain, 66, 153, *P. (t.o.)*
 Preparation of 'dry' specimens by paraffin naphthalene impregnation, 66, 153, *P. (t.o.)*
 On the nature of certain macroscopic staining reactions of the brain, 66, 478-85
 Preparation of dry specimens by paraffin-naphthalene impregnation, 66, 486-7
 see also Davies, F.
- Blaisdell, F. E., Sen.**, Measurements on a human embryo 30 mm. long, 48, 182-209
- Blake**, on relation of the trachea and bronchi in the thoracic walls as determined by the Röntgen rays, 33, 684 (*ref. only*)
- Blake, C. J.**, on effect of galvanic current upon acoustic [auditory] nerve, 8, 400, *rep.*
- Blake, J.**, On the nourishment of the foetus in embiotocoid fishes, 2, 280-2
 On the action of the salts of iron when introduced directly into the blood, 3, 24-9
 On the anal fin appendages of embiotocoid fishes, 3, 30-2
 On the action of the compounds of chlorine, bromine and iodine when introduced directly into the blood, 4, 1-7
 On the action of the inorganic substances when introduced directly into the blood (magnesian group) 4, 201-8
 Observations on physiological chemistry, 5, 247-50
 On the action of inorganic substances when introduced directly into the blood, 6, 95-100
 On the action of inorganic substances when introduced directly into the blood, 7, 201-9
 On the action of inorganic substances when introduced directly into the blood, 8, 243-9
 On the physiological action of the salts of beryllium, aluminium, ytium and cerium, 10, 478-83
- Blake, J. A.**, The roof and lateral recesses of the 4th ventricle, considered morphologically and embryologically, 33, viii, *P. (t.o.)*
 Atresia of the aortic orifice, due to anomalous development of the auricular septum, 35, 1-6
- Blakeway, H.**, Investigations in the anatomy of the palate, 48, 409-16
 A hitherto undescribed malformation of the heart, 52, 354-62
- Blanc, I.**, on polydactyly in mammals, 28, 376-8, *rep.*
- Blanc, L.**, Teratological classification, 31, 450-5
 Cervical appendages, 32, 789, *rep.*
- Blancard**, The role of the amnion in the production of abnormalities, 37, 299, *rep.*
- Blanche**, see Jolyet
- Bland, J. O. W.**, see Canti, R. G. & Russell, Dorothy S.
- Bland-Sutton, J.**, (later Sir John Bland-Sutton) see Sutton, J. Bland
- Blaschko, H. & Hellmann, K.**, Histochemical demonstration of amino oxidase, 87, 464, *P.*
- Blasius**, on relation of heart's action to variations of arterial and venous pressure, 6, 478, *rep.*
 on the work of the frog heart under varying blood-pressure, 8, 189, *rep.*
- Blatin, A.**, on physiological action of nicotia in relation to excessive smoking, 4, 316, *rep.*
- Bleier, Ruth**, *The hypothalamus of the cat. A cytoarchitectonic atlas with Horsley-Clarke co-ordinates*, 1961, 96, 133, *rev.*
- Bles, E. J.**, The correlated distribution of abdominal pores and nephrostomes in fishes, 32, 484-512
- Blind**, on Elsass skulls, 33, 356 (*ref. only*)
- Blix, M.**, on elasticity of muscle, 9, 443, *rep.*
- Blöbaum**, see Bezold, A. von
- Bloch**, on capillary circulation in the skin, 8, 400, *rep.*
 on effect produced on the skin by various injuries, 8, 402, *rep.*
 on highest temperature bearable by the hand, 10, 651, *rep.*
 on the rapidity of the nervous current in sensory nerves, 11, 544, *rep.*
 on the anthropology of the lips, 33, 506 (*ref. only*)
- Blomfield**, Two cases of anal defect in children of same mother, 38, 368, *rep.*
- Blomfield, L.**, Intramuscular vascular patterns in man, 80, 232, *P.*

Author Index

- Blomfield, L. B.**, see Clark, W. E. Le Gros
- Blondel**, Malformation of the heart, 36, 304, *rep.*
- Bloomer, W., Liebow, Averill A. & Hales, M. R.**, *The surgical anatomy of the bronchovascular segments*, 1960. 95, 144, *rev.*
- Bloomfield, Alice & Frazer, J. E.**, Formation of the lower end of the vagina and hymen, 61, 490, *P. (disc. only)*
- The development of the lower end of the vagina, 62, 9-32
- Blumberg, J.**, *Lehrbuch der topographischen Anatomie*, 1926. 61, 151, *rev.*
- Blumenthal**, on a case of congenital defect of the fibula, 43, 123, *rep.*
- Blumenthal, C.**, on musculus triceps extensor cubiti, 4, 154, *rep.*
- on fourth head of M. triceps brachii, 4, 154, *rep.*
- Blumer, W. F. C.**, Ascending and descending spinal tracts of the quokka (*Setonix brachyurus*) 97, 490, *P.A.S.A.N.Z.*
- Blunt, M. J.**, The posterior wall of the inguinal canal with particular reference to the cremaster muscle and cremasteric fascia, 85, 420-1, *P.*
- The blood supply of the facial nerve, 88, 520-6; 88, 546, *P.*
- The vascular anatomy of the median nerve in the forearm and hand, 93, 15-22; 92, 670, *P.*
- & **Stratton, Kathleen**, The clearance of ²⁴Na from a mammalian nerve trunk, 88, 571, *P.*
- The immediate effects of ligature of vasa nervorum, 90, 204-16
- The development of a compensatory collateral circulation to nerve trunk, 90, 508-14
- , **Paisley, P. B., Wendell-Smith, C. P. & Baldwin, F.**, Histochemistry of macroglia, 99, 946, *P.A.S.A.N.Z.*
- , **Wendell-Smith, C. P. & Baldwin, F.**, The macroglia of the optic nerve, 97, 485, *P.A.S.A.N.Z.*
- Glia-nerve fibre relationships in mammalian optic nerve, 99, 1-11
- see also Steele, Elizabeth J.
- Wendell-Smith & Baldwin, F.
- Wendell-Smith, C. P., Blunt, M. J., Baldwin, F. & Paisley, P. B.
- Bluntschli**, on an abnormal vena azygos major, 42, 138, *rep.*
- Bochdalek**, ossification of the auricula of the left ear, 1, 149, *rep.*
- on congenital defect of the membrana tympani, 1, 149, *rep.*
- on lacrimal apparatus, 1, 150, *rep.*
- on anomalous muscles in the orbit, 3, 448, *rep.*
- Bochdalek, Jun.**, Description of the musculus triticeo-glossus, 1, 150, *rep.*
- on a new small muscle of the tongue, 1, 357, *rep.*
- on supra-costal muscle 2, 394, *rep.*
- on the right-sided arch of aorta in man, 2, 397, *rep.*
- on variation of coronary arteries of the heart 2, 397, *rep.*
- on arrangement of peritoneal investment of the spleen, 2, 398, *rep.*
- on pars membranacea septi ventriculorum and foramina Thebesii, 3, 200, *rep.*
- Bochefontaine**, on spleen physiology, 8, 185, *rep.*
- Böck, von**, on influence of arsenic on nitrogen excretion, 8, 218, *rep.*
- Bock, C. & Hoffmann, F. A.**, on induction of diabetes mellitus in rabbits, 7, 187, *rep.*
- on experimental studies on diabetes, 9, 440, *rep.*
- Böcker & Reinson**, on sodium and potassium excretion in urine, 9, 243-4, *rep.*
- Bockhaus**, On a steatomatous dermoid tumour, 36, 302, *rep.*
- Bocock, E. J. & Haines, R. Wheeler**, *Applied anatomy for nurses*, 1951. 86, 80, *rev.*
- Bodkin Mahon, R.**, see Mahon, R. Bodkin
- Boettcher**, on effects of warm sulphur baths on temperature, 6, 238, *rep.*
- Boggon, R. H.**, see Clark, W. E. Le Gros
- Bogoljubow**, on amount of CO₂ in bile, 4, 321, *rep.*
- on gasometric analysis of bile, 9, 239-40, *rep.*
- Bogomoloff**, on detection of bile acids, 4, 180, *rep.*
- on spectrum of bile in Gmelin's and Pettenkofer's reaction, 4, 180, *rep.*
- on composition of milk, 6, 464, *rep.*
- on colouring matter of urine, 9, 439, *rep.*
- see also Koschlakoff
- Bogoslowsky**, on physiological studies of meat extract, alkaline salts, creatine, 8, 204, *rep.*
- on physiological studies on the action of flesh-broth, extract of meat, alkaline salts and Kreatin, 8, 204, *rep.*
- Bogusat**, Abnormalities of the sternum, 38, 367, *rep.*
- Bohaček, J. Krmpotić**, see Krmpotić-Bohaček, J.
- Böhm**, on the influence of arsenic on amorphous ferments, 7, 359, *rep.*
- on mode of action of digitalin, 8, 227-8, *rep.*
- & **Hoffmann**, On the injection of glycogen into the circulation, 13, 238, *abs.*
- Böhm, R.**, on structure of the dura mater, 4, 153, *rep.*
- on resuscitation after poisoning with potassium salts, 9, 248, *rep.*
- see also Schäfer, F.
- Wartmann, L.
- Bohn**, see Fick
- Boigey**, A case of gynaecomastia in a youth of 16 years, 44, 100, *rep.*
- Boileau**, on sphygmograph, 9, 221, *rep.*
- Boinet**, A case of macrodactyly, 37, 309, *rep.*
- Boisin, E. & Loisen, E.**, on the effect of boiling distilled water on Fehling's solution, 10, 650-1, *rep.*
- Bokay, A.**, On the digestibility of nuclein and lecithin, 13, 245, *abs.*
- Bolam, R. A.**, Note on an injection apparatus, 29, 230-3
- Bolau**, see Pansch, A.
- Boldt**, Bilateral absence of ovary and uterine tube, 38, 369, *rep.*
- Boldyrew**, on nerve ending in mucous membrane of larynx, 5, 378, *rep.*
- Bolk**, on the short head of the biceps femoris in the orang, 33, 351 (*ref. only*)
- on homologies of abdominal and thoracic muscles, 33, 681 (*ref. only*)
- on a case of doubling of the spinal cord in *Didelphis cancrivora*, 42, 134, *rep.*
- A case of pseudohermaphroditismus masculinus occultus, 44, 102-3, *rep.*
- Bolk, L.**, Odontological essays; First essay—On the development of the palate and alveolar ridge in man, 55, 138-52
- Second essay—On the development of the enamel-germ, 55, 152-86
- Third essay—On the tooth-glands in reptiles and their rudiments in mammals, 55, 219-34
- Fourth essay—On the relation between reptilian and mammalian teeth, 56, 107-36
- Fifth essay—On the relation between reptilian and mammalian dentition, 57, 55-75
- On the hair slope in the frontal region of man, 58, 206-21

Author Index

- Bolk, L., Göppert, E., Kallius, E. & Lubosch, W.** editors, *Handbuch der vergleichende Anatomie der Wirbeltiere*, vol. VI, 1933. 70, 444-5, rev.; Band II, parts I & II, 1934. 70, 446, rev.
Handbuch der vergleichenden Anatomie der Wirbeltiere, Band III und Band IV, 1936. 72, 136-7, rev. see also Göppert, E. & Kallius, E.
- Boll, on** connective tissue in glands, 4, 156, *rep.*
on coagulation of foetal blood, 6, 233, *rep.*
on vision with compound eyes, 7, 179-80, *rep.*
on autonomic and spinal nerves and excitability of spinal cord, 8, 399, *rep.*
on visual purple II, 546, *rep.*
- Boll, Franz, on** structure of compound racemose glands (lacrimal, parotid, submaxillary) 3, 202, *rep.*
on structure of tooth pulp, 3, 202-3, *rep.*
on comparative histology of *Mollusca*, 3, 459, *rep.*
on structure and development of connective tissue, 6, 442, *rep.*
on histology and histogenesis of the central nervous system, 8, 171-2, *rep.*
on structure of electrical plates of *Malapterurus* and *Torpedo*, 8, 392, *rep.*
on principles of growth, II, 575, *rep.*
- Bolt, D. E. & Yoffey, J. M.,** Inability to detect macrophages in degenerating nerves, 83, 79, *P.*
- Bolton, J. Shaw, On** the nature of the Weigert-Pal method, 32, 247-66
On the range of applicability of certain modifications of the Weigert-Pal process, 33, 292-300
- Bolton, L. L.,** Note on the structure of the lymphoid organ (organ of Leydig) and spleen of *Hexanchus coriurus*, 61, 40-63
- Bond, Abnormality** of the hand, 38, 371, *rep.*
- Bonin, G. von, A** note on the kinematics of the wrist joint, 63, 259-62
Some papers on the cerebral cortex, 1960, 95, 139-40, *rev.*
- & Bailey, P.,** *The neocortex of Macaca mulatta*, 1947. 82, 271, *rev.*
- Bonnarme, on** the seventh cervical rib, 33, 679 (*ref. only*)
- Bonner, J. T. editor, On** growth and form (Thompson) abridged edition, 1961. 96, 307, *rev.*
- Bonner, W. N.,** Delayed implantation in the southern elephant seal (*Mirounga leonina*) 90, 574, *P.*
- Bonnet, on** the mammary organs in the light of ontogeny and phylogeny, 33, 682 (*ref. only*)
- Bonney, on** chorion epitheliomata, 43, 117, *rep.*
- Bonney, V., see** Taylor, Gordon
- Bonnifay, Cephalometric** study of the growth of the head from infancy to maturity, Thesis, Lyons, 1897. 33, 679 (*t.o.*)
- Bonnot, E.,** The interscapular gland, 43, 43-58
- Boogaard, J. A.,** On the impression of the base of the skull, its causes and results, I, 178-9, *abs.*
- Book, M. H.,** The secreting area of the glomerulus, 71, 91-7
- Booth Pearsall, W., see** Pearsall, W. Booth
- Borghese, E.,** The development *in vitro* of the submandibular and sublingual glands of *Mus musculus*, 84, 287-302
Explantation experiments on the influence of the connective tissue capsule on the development of the epithelial part of the submandibular gland of *Mus musculus*, 84, 303-18
- Born, L.,** development of ovary of mare, 9, 207, *rep.*
- Borradaile, L. A., Eastham, L. E. S., Potts, F. A. & Saunders, J. T.,** *The invertebrata—a manual for the use of students*, 1932. 66, 671-2, *rev.*
- Borst, on** a heart with three auricles, 42, 137, *rep.*
- Bosley, P. G. H. J.,** Isolated pericapillary phenomena, 97, 632-3, *P.*
- Boss, J.,** Ribonucleoprotein and the structural changes of mitosis, 87, 445, *P.*
The ultrastructure of chromosomes and their behaviour in living cells, 93, 581, *P.*
- & Green, J. H.,** An histological investigation of six baroreceptor areas of the right common carotid artery in the cat, 88, 569, *P.*
- Bossi, An** unusually shaped uterus, 44, 103, *rep.*
- Boston, on** five cases of congenital absence of uterus, 43, 121, *rep.*
- Botez, J., see** Anthony, R.
- Botha, G. S. M.,** Histological observations on the gastro-oesophageal junction in the rabbit, 92, 441-6
- Bothe, W.,** Defects in the forearm, 35, 508, *rep.*
- Botkin, on** the reflex phenomena connected with vessels of the skin, and on reflex sweating, 9, 416, *rep.*
- Böttcher, on** effects of warm sulphur baths on temperature, 6, 238, *rep.*
on the labyrinth of the ear, 7, 344, *rep.*
on movements following section of the semicircular canals, 8, 187-8, *rep.*
- Böttcher, A., on** red-blood corpuscles in the vertebrata, I, 357, *rep.*
on the pigment of red corpuscles, 2, 168, *rep.*
on development of traumatic keratitis, 8, 400, *rep.*
on section of the semicircular canals, 9, 416, *rep.*
- Bothroyd, J. S., see** Barry, D.
- Botschaftschkaroff, see** Drosdoff
- Bottez, C., on** a case of frontal encephalocele, 26, 433, *rep.*
- Bouchacourt, Frontal** encephalocele with multiple abnormalities of the face, 34, 416, *rep.*
- Boucher, Barbara, J.,** Sex differences in the foetal pelvis, 91, 602, *P.*
- Bouchereau, see** Magnau
- Bouchet, see** Klippel
- Bouchut, E., on** ophthalmoscopic sign of death, 9, 248, *rep.*
- Bougle, see** Pilliet
- Bouillard, on** normal and abnormal pulse, 8, 402, *rep.*
- Boulard, P., on** curvature of the spine, 7, 168, *rep.*
- Boulart, R., see** Edwards, A. Milne, Deniker, J., de Pousargues, E., Delisle, F.,
- Boule, M. & Anthony, R.,** Neopallial morphology of fossil men as studied from endocranial casts, 51, 95-102
- Boulgakow, B.,** A case of acephalus holoacardiacus, 59, 71-2, *S.P.*
A case of maldevelopment of the right parotid gland, 60, 341
Arrest of development of an embryo: a case of acephalus holoacardiacus 61, 68-93
The effect of non-development of the allantois as illustrated by a case of sympodia, 63, 253-8
- & Fahmy, N.,** A case of unilateral duplication of the ureter, 60, 342-4
see also Smith, S.
- Boult, E. H., see** Tonge, C. H.
- Boulter, P. S.,** The mesenteric circulation, 93, 570, *P.*
- & Parks, A. G.,** The submucosal vessel plexuses of the gastro-intestinal tract, 93, 565, *P.*
- Bourlot, Malformation** of the heart, 37, 397, *rep.*
- Bourne, G. H.,** An unusual thyroid gland in a race of lizards (*Egernia kingii*) from Eclipse Island, Western Australia, 69, 515-19
Functional changes in the adrenal gland of the Australian opossum. 72, 616-17, *P.*
editor, *Cytology and cell physiology*, 1942. 77, 122-3, *rev.*
Alkaline phosphatase and vitamin C deficiency in regeneration of skull bones, 82, 81-7

Author Index

- Bourne, G. H.**, Alkaline phosphatase and vitamin C deficiency in regeneration of skull bones, 83, 61-2, P.
Some observations on the mammalian adrenal gland, 83, 70-1, P.
Collagen and pre-collagen, 84, 61, P.
The mammalian adrenal gland, 1949, 85, 102, rev.
The effect of cortisone and vitamin C upon the tensile strength of wounds in rabbits, 86, 490, P.
The histochemistry of zanthine oxidase, 87, 449, P.
The anatomy of dephosphorylation, 87, 462, P.
An introduction to functional histology, 1953, 88, 108-9, rev.
Some histochemical observations on Purkinje cell, 90, 576, P.
editor, *The biochemistry and physiology of bone*, 1956, 91, 144-6, rev.
- & **Barnett, S. A.**, The distribution of ascorbic acid in the chick embryo, 74, 554-5, P.
see also Baradi, A. F.
Barnett, S. A.
Beckett, Evelyn B.
Brandes, D.
Hill, C. Ruth
Malaty, H. A.
Nandy, K.
Shantaveerappa, T. R.
Tewari, H. B.
- Bourne, G. L.**, *The human amnion and chorion*, 1962, 96, 412, rev.
- Bourneville**, on the unequal weight of the cerebral hemispheres, 33, 352 (ref. only)
- & **Raymond**, On porencephaly of both hemispheres, 40, 298, rep.
- Bourret, P. & Louis, R.**, *Anatomie du système nerveux central*, 1963, 99, 402, rev.
- Boussingault**, on iron in blood and food, 7, 346, rep.
- Bowden, D. K.**, The development of the digital synovial sheaths of the hand, 100, 947, P.A.S.A.N.Z.
- Bowden, J.**, The fine structure of the lamellibranch muscle, 90, 594-5, P.
- & **Pritchard, J. J.**, Bone repair in the salamander, 90, 572, P.
- Bowden, Ruth E. M.**, Dissections of foetal limbs, 81, 387, P. (dem.)
Quantitative observations of certain muscles in the rhesus monkey, 85, 415, P.
A comparative study of the rate of atrophy of skeletal muscle following anterior ramisection and acute anterior poliomyelitis in the rhesus monkey, 85, 419-20, P.
The diameter of muscle fibres in the m. gracilis of the rhesus monkey in the normal animals, after anterior ramisection and after anterior poliomyelitis, 86, 483, P.
The relations of the recurrent laryngeal nerve in the neck, 89, 564, P.
An index for a hundred years of the *Journal of Anatomy*, 92, 666, P.
Peripheral nerve injuries, 1958, 93, 269, rev.
Muscle spindles and other sensory endings in human foetal muscles, 97, 477, P.
- & **Gutmann, E.**, Changes in human voluntary muscles in vascular lesions, 80, 242, P.
- & **Mahran, Z. Y.**, The functional significance of the pattern of innervation of the muscle quadratus labii superioris of the rabbit, cat, and rat, 90, 217-27
Experimental and histological studies of the extrapetrous portion of the facial nerve and its communications with the trigeminal nerve in the rabbit, 94, 375-86
- , **Napier, J. R. & Whillis, J.**, Movements of digits in ulnar paralysis, 84, 76, P. (film)
see also Gutmann, E.
Shehata, S. H.
- Bowditch, H. P.**, on irritability of cardiac muscle, 7, 182-4, rep.
on acceleration and depression of cardiac nerves, 8, 193-6, rep.
on researches on vasomotor nerves, 9, 412, rep.
on a new form of induction apparatus, 11, 570, rep.
on the force of ciliary motion, 11, 569, rep.
- & **Minot**, on influence of anaesthetics on vasomotor centres, 9, 216, rep.
- Bowlby, A.**, *Injuries and diseases of nerves*, 1889, 24, 472-4, rev.
- Bowles**, a specimen of a lung with four lobes, 28, ii-iv, P.
- Bowles, R. L.**, Observations upon the mammalian pharynx with especial reference to the epiglottis, 23, 606-15
The anatomy and development of the palate and epiglottis in animals, 23, xix-xx, P.
- Bowman, W.** see Todd, R. B., & Beale, L. S.
- Bowsher, D. R.**, Some anatomical factors concerned in the regulation of C. S. F. pressure, 87, 456, P.
A comparative study of the azygos venous system in man, monkey, dog, cat, rat and rabbit, 88, 400-6
Early changes in the mouse spinal cord following irradiation with focused ultrasound, 90, 579, P.
Termination of the spino-thalamic tract in man, 90, 600, P.
Pathways of protein absorption from cerebrospinal fluid, 91, 572, P.
Trans-neuronal degeneration in the specific sensory nucleus of the thalamus, 91, 611, P.
Connexions of the efferent fibres from the gracile and cuneate nuclei in the macaque monkey, 92, 668, P.
Connexions of the internal vertebral venous plexus, 88, 583, P.
- , **Albe-Fessard, D. & Mallart, A.**, Central extralemniscal afferents, 97, 151-2, P.
- , **Walberg, F. & Brodal, A.**, The termination of primary vestibular fibres in the vestibular nuclei of the cat, 93, 562, P.
- Boyce, R.**, *A text-book of morbid histology for students and practitioners*, 1892, 26, 575, rev.
- Boycott, A. E.**, A case of unilateral aplasia of the kidney in a rabbit, 45, 20-2
- Boyd, Edith**, *The growth of the surface area of the human body*, 1935, 70, 586, rev.
- Boyd, G. I.**, The emissary foramina of the cranium in man and the anthropoids, 65, 108-121
Abnormalities of subclavian artery associated with presence of the scalenus minimus, 68, 280-1, anat. not.
The emissary foramina of the cranium in Primates, 69, 113-17
Abnormal origin of the right common iliac artery, 71, 155-6, P.
Abnormal bifurcation of aorta, 71, 417-18, anat. not.
Anomalous heart, 72, 299-300; 71, 155, P.
- Boyd, H.**, see Bacsich, P. & Young, A.
Young, A. & Bacsich, P.
- Boyd, J. D.**, (1) Classification of the upper lip in mammals, (2) The suckling mechanism in *Didelphys virginiana*, 67, 210, P.
The classification of the upper lip in mammals, 67, 409-16
The development and significance of the amphibian carotid body, 68, 154-5, P.
Absence of the right common carotid artery, 68, 551-7

Author Index

- Boyd, J. D., Development of the human carotid body, 69, 144-5, P.
- Nerve supply to the branchial arch arteries of vertebrates, 71, 157-8, P.
- Nerve supply of ductus arteriosus in the rabbit, 72, 146-8, P.
- The early vascularization of the carotid body, 74, 556-7, P.
- A case of neocerebellar hypoplasia, 74, 557, P.
- The sensory component of the hypoglossal nerve in the rabbit, 75, 330-45
- The nerve supply of the mammalian ductus arteriosus, 75, 457-68
- Vascular pressor-receptors in *Pelias berus*, 76, 225, P.
- The nerve supply of the branchial arch arteries in *Vipera berus*, 76, 248-57
- Carotid-body-like cells in the adventitia of the ductus arteriosus of the pig, 77, 116, P.
- Argentophil cells in foetal ectodermal epithelia, 83, 74, P.
- Argentaffin dendritic cells in urogenital epithelium of male mammalian embryos, 83, 83, P.
- Argentaffin dendritic cells in hair follicles, 84, 62, P.
- Afferent nerve supply of innominate-subclavian arch in the human embryo and foetus, 84, 67, P.
- Müller's (spheno-maxillary) muscle in the human embryo and foetus, 84, 72, P.
- Nerve supply of the tonsil, 84, 79, P.
- 'Intermediate' lumbar sympathetic ganglia in the human foetus, 84, 401, P.
- The later history of the primitive streak in the sheep embryo, 88, 565, P.
- The pharyngeal hypophysis, 90, 595, P.
- The distribution of glycogen in early human placentae, 91, 595, P.
- Observations on glycogen in relation to the blood vessels of human placenta and uterus, 91, 605, P.
- Subependymal cystic formation during development of the human cerebellum, 92, 642, P.
- Anomalous right subclavian artery in a young human foetus, 93, 580, P.
- & Baxter, J. S., The neural crest in a 10-somite human embryo, 72, 624-5, P.
- , Coutts, H. D. & MacDougall, J. D. B., Burial customs in Angus, 99, 211, P. (dem.)
- & Hamilton, W. J., Cells in the spiral arteries of the pregnant uterus, 90, 595, P.
- The 'giant cells' associated with human placentation, 93, 587, P.
- Stromal trophoblastic buds, 98, 470, P.
- Electron microscopic observations on the cytotrophoblast contribution to the syncytium in the human placenta, 100, 535-48
- & Hammond, J., Transuterine ('internal') migration of the ovum in sheep and other mammals, 78, 5-14
- Transuterine migration of the sheep ovum, 80, 217, P.
- & Harper, W. F., The development of the cavernous tissue of the human nasal mucosa, 80, 231, P.
- & Hughes, A. F. W., Observations on human chorionic villi using the electron microscope, 88, 356-62
- , Johnson, F. R. & Lever, J. D., editors, *Electron microscopy in anatomy*, Proceedings of a Symposium held by Anatomical Society of Great Britain on Ultrastructure of Cells, 1961. 95, 444-5, rev. see also Baxter, J. S.
- Bellairs, d'A.
- Hamilton, W. J.
- Hamilton, W. J. & Mossman, H. W.
- Hamilton, W. J. & Samuel, D. M.
- Lever, J. D. & Lewis, P. R.
- Boyd, S., demonstration of divided internal cuneiform of foot, 25, vii, P.
- on right parietal bone with horizontal suture, 27, xxxi-xxxii, P.
- on left superior vena cava, 1 case, 27, xx-xxi, xxxviii-xxxix, P.
- Specimen of injected heart of an infant, 34, ii, P. November 1899
- Boyde, A., Carbon replica study of ameloblast-enamel interface, 100, 689-90, P.; 100, 705, P.
- & Stewart, A. D. G., Argon ion beam etching of enamel and dentine, 96, 414, P.
- , Switsur, V. R. & Fearnhead, R. W., Application of the scanning electron-probe X-ray microanalyser to mineralized tissues, 95, 449, P.
- & Willis, R., Calibration of tilt cartridges for Siemens Elmiskop 1, 100, 706, P. (dem.)
- see also Miles, A. E. W.
- Boyden, E. A., A note on the origin of pancreatic bladders, 63, 363-6
- Laboratory atlas of the 13 mm. pig embryo, 1933. 68, 288, rev.
- Segmental anatomy of the lungs. A study of the patterns of the segmental bronchi and related pulmonary vessels, 1955. 90, 158-9, rev.
- Brachet, A., *Traité d'embryologie des vertébrés*, nouvelle édition par A. Dalcq & P. Gérard, 1935. 71, 420, rev.
- Brachet, J., *Biochemical cytology*, 1957. 92, 631-2, rev.
- & Mirsky, A. E., editors, *The cell*, volume 1, 1959. 93, 557-8, rev.; vols. II, IV, and V, 1961, 1960, 1961. 96, 136, rev.; vol. III, 1961. 96, 545, rev.; vol. VI, 1964. 99, 673-4, rev.
- Bradbury, S., see Barer, R. & Barer, G. R.
- Barer, R. & Meek, G. A.
- Bradlaw, R. V., Innervation of the teeth and jaws, demonstration, 81, 381, P.
- Bradley, K. C., Fibre pathways in the human spinal cord, 100, 944, P.A.S.A.N.Z.
- Bradley, two cases of abnormality in the dentition of ruminants, 37, 306, rep.
- a case of left superior vena cava in a dog, 37, 307, rep.
- two cases of supernumerary molars, 38, 305, P.
- on supernumerary molar teeth in the horse, 40, 298, rep.
- a supernumerary first maxillary premolar in the horse, 40, 298, rep.
- Bradley, O. Charnock, The convolutions of the cerebrum of the horse, 33, 215-27
- On the cerebellum of the horse, 33, 587-95
- Atresia ani, 2 cases, 34, 420, rep.
- Acadiacus in a cow, 35, 501, rep.
- On a case of rudimentary first thoracic rib in a horse, 36, 54-62
- On two cases of dental anomaly, 36, 356-67
- On the development and homology of the mammalian cerebellar fissures, part I, 37, 112-30; part II, 37, 221-40
- The mammalian cerebellum: its lobes and fissures, part I, 38, 448-75; part II, 39, 99-117
- On the development of the hind-brain of the pig, part I, 40, 1-14; part II, 40, 133-51
- A contribution to the morphology and development of the mammalian liver, 43, 1-42
- Models illustrating the development of the mammalian cerebellum and liver, 43, iii, P. (July 1907) (t.o.)
- Notes on the histology of the oviduct of the domestic hen, 62, 339-45
- Topographical anatomy of the dog, 2nd ed., 1927. 62, 518-19, rev.; 3rd ed. 1935. 70, 322, rev.
- Retractor bulbi (oculi) in carnivora and ungulata, 68, 65-74
- The structure of the foetal, 2nd ed. 1938. 72, 637, rev.

Author Index

- Bradley, S. M.**, on variations in striped muscles, 3, 197, *rep.*
 Note on a peculiar origin of the right subclavian artery, 5, 341-2
 Description of the brain of an idiot, 6, 65-75
 Notes of myological peculiarities, 6, 420-1
 on national characteristics of skulls, 8, 386, *rep.*
 The secondary arches of the foot, 10, 430-2
- Bradshaw, T. R.**, *see* Waters, A. T. H.
- Braidwood, J.**, on the development of striped muscular fibre, 1, 157-8, *rep.*; 1, 362, *rep.*
- Brailey, J.**, on congenital distichiasis, 42, 137, *rep.*
- Brailsford, J. F.**, types of chondro-osteo-dystrophy, 68, 152, P.
The radiology of bones and joints, 1934. 68, 573-4, *rev.*
 Characteristic radiological findings in the skeletons of midguts, 69, 152, P.
 Variations in the ossification of the bones of the hand, 77, 170-5
- Brain, E. B. & Ten Cate, A. R.**, *Techniques in photomicrography* 1963. 98, 139, *rev.*
- Brain, Sir Russell, Bt.**, congenital abnormalities of the cervical vertebrae, 90, 579, P.
- Braithwaite, J. L.**, The arterial supply of the urinary bladder, 85, 413, P.
 The morphology of the collateral circulation following complete interruption of the abdominal aorta in the rat, 88, 204-11
 The effect of interruption of pelvic arteries on the viability of the urinary bladder in the female rat, 86, 495-6, P.
 Variations in origin of the parietal branches of the internal iliac artery, 86, 423-30; 86, 486, P.
 The morphology of the collateral circulation following complete interruption of the abdominal aorta in the rat, 87, 454-5, P.
 The results of interruption of the inferior mesenteric artery and its branches in the rat, 88, 578, P.
- **& Adams, D. J.**, Splenic venography in the rat, 90, 596, P.
 The venous drainage of the rat spleen, 91, 352-7
- — **& Jones, R. O.**, Arterial patterns in the rat spleen, 92, 671, P.
see also Jones, R. O.
 Wright, J. E.
- Brakel, G. van, see Engelmann, T. W.**
- Brambell, F. W. R.**, The histology of an hermaphrodite pig and its developmental significance, 63, 397-407
The development of sex in vertebrates, 1930. 65, 278, *rev.*
 appointed to Lloyd Roberts Chair of Zoology, University of North Wales, Bangor, 65, 401
- **& Davis, D. H. S.**, The normal occurrence, structure and homology of prostate glands in adult female *Mastomys erythroleucus* Temm., 75, 64-74
- **& Hall, Kathleen**, Anatomical and histological studies of an intersexual lesser shrew (*Sorex minutus* L.), with special reference to the effects of the male hormones on the uterus and vagina, 70, 339-48
- **Hemmings, W. A. & Henderson, M.**, *Antibodies and Embryos*, 1951. 86, 470-1, *rev.*
- Branca, C.**, on trifurcation of Meckel's cartilage, 33, 679 (*ref. only*)
- Brance, A. & Verne, J.**, *Précis d'histologie: la cellule—les tissus—les organes*, 1934. 69, 534, *rev.*
- Brander, J.**, Intraglandular cleft of the pituitary body, and its connexions, 66, 151, P.
 The intraglandular cleft of the pituitary body and its connexions, 66, 202-9
 Secretory pathways of the anterior lobe of the hypophysis cerebri, 81, 402, P.; 81, 404, P.
- Brandes, D.**, Histochemical demonstration of alkaline and acid phosphatases in electron micrographs, 90, 578, P.
- **& Bourne, G. H.**, The histochemistry of the normal mouse prostate and changes following castration, application of oestrogenic substances, application of homografts, and in experimental carcinogenesis, 88, 552-3, P.
- Brandt, A.**, On structure of skin of *Rhytina borealis*, 6, 446, *rep.*
- Brandt, F.**, Demonstration of human siren, 81, 376, P.
- Brandt, W.**, *Grundzüge einer Konstitutionsanatomie*, 1931. 67, 489, *rev.*
 Prenatal development of hair tracts in primates, 72, 166, P.
 The size of the vomero-nasal organ in a 12.5 mm. human embryo, 72, 616, P.
 The nasal cavity in a 124 mm. human foetus, 73, 672, P.; 73, 673, P.
 Experimental production of supernumerary humerus in amphibian embryo (*Amblystoma mexicanum*) 80, 226-7, P.
 Factors influencing the shape of the shoulder joint in the amphibian embryo, 80, 235-6, P.
 Experimental production of a living artificial limb in amphibian embryo, 81, 373-4, P.
 Measurements and description of the external appearance of some structures in human twin embryo, 81, 399-400, P.
Lehrbuch der Embryologie, 1949. 83, 387, *rev.*
see also Lockhart, R. D.
- Bränemark, P.-I. & Lindström, J.**, Studies in the function of nutritive capillaries in the connective tissue in rabbit's ear chamber, 97, 323-332
- Braquehay, J.**, a case of supernumerary mamma, 35, 503, *rep.*
- Brash, J. C.**, Vertebral column with six and a half cervical and thirteen true thoracic vertebrae, with associated abnormalities of the cervical spinal cord and nerves, 49, 243-73
 Appointed to Chair of Anatomy, University of Birmingham, 1922. 56, 390
 Bones from a Saxon cemetery at Bidford-on-Avon, Warwickshire, 59, 53-4, S.P.
 A human embryo with head process, and commencing archenteric canal, 59, 65, S.P.
 Appointed to Chair of Anatomy, University of Edinburgh, 65, 550
 The aetiology of irregularity and malocclusion of the teeth, 1929. 66, 275, *rev.*
 Symmetrical thinning of the parietal bones, 67, 193, P.
 Anatomical problems in the Ruxton case, 71, 153, P.
 Vital staining of bone with hydroxyanthraquinone derivatives, 74, 141, P.; 74, 143, P.
 Neuro-vascular hila of muscles: upper limb, 81, 376-7, P.
 The laryngeal air-sacs of the orang-utan, 81, 398-9, P.; 81, 403, P.
 Abdominal pregnancy in orang-utan, and achondroplastic foetus, 81, 403, P.
 Demonstration of madder specimens, illustrating the growth of skull and jaws, 61, 518, P.
Cunningham's Manual of practical anatomy, 11th ed. vols. 1-3, 1948. 83, 386, *rev.*
editor, Cunningham's Textbook of anatomy, 9th ed., 1951. 86, 230, *rev.*
 The skull and reputed busts of William Burke the notorious murderer, 86, 494, P.
 Neurovascular hila of limb muscles, 1955. 90, 155, *rev.*
- **& Hill, W. C. Osman**, Seven specimens of symphyseal foetuses, 81, 403, P.

- Brash, J. C. & Jamieson, E. B., *jt editors, Cunningham's Text-Book of anatomy*, 7th ed. 1937. 71, 550, *rev.*
revisors & editors, Cunningham's Manual of practical anatomy, in 3 vols. 9th ed., 1935. 70, 185, *rev.*
revisors & editors, Cunningham's Manual of practical anatomy, 3 vols. 10th ed. 1940. 75, 143-4, *rev.*
- & Stewart, M. J., A case of partial transposition of the mesogastric viscera, 54, 276-86
see also Thompson, P.
- Braun, on sensitivity of dura mater and electrical stimulation of the cerebrum, 9, 210, *rep.*
- Braune, on action of the fasciae of the thigh on the circulation, 6, 227-8, *rep.*
- Braune, W., *Topographisch-Anatomischer Atlas. Nach Durchsichten an gefrorenen Cadavern*, 1867-72. 2, 158, *rev.*
- Braus, H., *Anatomie des Menschen: ein Lehrbuch für Studierende und Ärzte*, 1921. 56, 161-2, *rev.*;
 part 2, 1924. 59, 446, *rev.*
Anatomie des Menschen. Ein Lehrbuch für Studierende und Ärzte continued by C. Elze. Volume III. *Periphere Leitungsbahnen*, II. *Centrales Nervensystem. Sinnesorgane*, 2nd ed. 1960. 95, 276, *rev.*
- Breakey, W. R., Sex chromatin analyses in a mentally defective population, 95, 618, P.
- Breathnach, A. S., The 'lobule désert' and anterior pyriform area of the porpoise, 86, 494, P.
 The olfactory tubercle prepyriform cortex and pre-commissural region of the porpoise (*Phocaena phocaena*) 87, 96-113
 Some observations on the amygdaloid complex of the porpoise, 87, 442, P.
 The surface features of the brain of the humpback whale (*Megaptera novaeangliae*) 89, 343-54
 Observations on endocranial casts of recent and fossil cetaceans, 89, 532-46
 Observations on melanocyte distribution in freckled skin of human forearm, 91, 592, P.
 Effects of dilute copper sulphate on the tyrosinase reaction in melanocytes of freckled human epidermis, 92, 635, P.
 Extension of a freckle associated with stretching of a scar, 92, 659, P.
 Melanocyte pattern of regenerated human epidermis, 94, 581, P.
 The distribution of Langerhans cells within the human hair follicle, and some observations on its staining properties with gold chloride, 97, 73-80
 Observations on cytoplasmic organelles in Langerhans cells of human epidermis, 98, 265-70
- , Birbeck, M. S. C. & Everall, J. D., Observations on the possible occurrence of cells intermediate in character between melanocyte and Langerhans cells in epidermis stimulated by Thorium X, 96, 419, P.
- & Everall, J., Langerhans cells in human sebaceous glands, 95, 603-4, P.
- & Goldby, F., The amygdaloid nuclei, hippocampus and other parts of the rhinencephalon in the porpoise (*Phocaena phocaena*) 88, 267-91
- & Goodwin, D. P., Electron microscopy of non-keratinocytes in the basal layer of white epidermis of the recessively spotted guinea-pig, 99, 377-87
 Electron microscopy of guinea-pig epidermis stained by the osmium-iodide technique, 100, 159-72
- & Wyllie, L. M.-A., 'Clear cells' in the basal layer of white epidermis of the black and white spotted guinea-pig, 99, 193, P.
- & Poyntz, Susan V., Electron microscopy of pigment cells in tail skin of *Lacerta vivipara*, 100, 549-69
- & Wyllie, Lucile M.-A., Electron microscope observations on human skin impregnated with gold chloride, 98, 289, P.
 Electron microscopy of human foetal skin at fourteen weeks, 99, 214, P. (*dem.*)
 Ultrastructure of retinal pigment cells in the human foetus, 100, 700-1, P. (*dem.*)
see also Birbeck, M. S. & Everall, J.
- Brecht, on the reflex in the region of the macula, 11, 545, *rep.*
- Bremand, on absorption of potassium iodide by skin, 7, 199, *rep.*
- Bremer, F., *Some problems in neurophysiology*, 1953. 87, 433-4, *rev.*
- Bremer, J. L., *The congenital anomalies of the viscera: their embryological basis*, 1957. 92, 169, *rev.*
- Bremner, D. & Smart, I., The position of Schwann cell nuclei in relation to the internodal mid-point of myelinated nerve fibres, 99, 194-5, P.
- Bremner, D. C., Coexistence of spina bifida with congenital dislocation of the hip-bone, 36, 306, *rep.*
- Brentano, on atresia of oesophagus, with oesophago-tracheal fistula in lower segment, 29, 466, *rep.*
- Bresslau, E., *The origin of milk glands: the mammary apparatus of the mammalia, in the light of ontogenesis and phylogenesis*, 1920. 56, 55, *rev.*
- Bressou, C., The maintenance of the metacarpophalangeal angle of *Tapirus indicus*, 61, 513, P.
- Bretet, *see* Cornillon
- Bretschneider, Triple pregnancy, each triplet abnormal, 38, 365, P.
- Brettel, on parotid secretion, 3, 213, *rep.*
- Breward, Madge M. & Zuckerman, S., Multiple ovarian grafts, 84, 68, P.
- Brewer, G. E., Preliminary report on the surgical relations of the duodenal orifice of the common bile-duct, 33, viii, P. (*t.o.*)
- Brewin, E. G., Pre-capillary closure in circulatory arrest, 97, 635, P.
- Brézaud, *see* Apert
- Brian, E., on the innervation of the thyroid body, 33, 354 (*Ref. only*)
- Bridge, T. W., The cranial osteology of *Amia calva*, 11, 605-22
 Pori abdominales of vertebrata, 14, 81-100
- Bridge, (Professor) The presence of a false acetabulum in a species of bandicoot, 42, 57-9
- Bridger, J. E., *see* Aitken, J. T.
- Bridges, J. B., Bone induction in experimental renal ischaemia, 90, 595, P.
- & Camblin, J. G., The effect of cell-free thymus extracted on X-irradiation-induced leucopenia in young rats, 98, 295-6, P.
- & Calvert, C. H., Some observations on the blood-thymus barrier, 100, 934, P.
- & Millar, R., Homologous skin graft survival on domestic fowl, 98, 688, P.
- & Pritchard, J. J., Induction effects of early fracture callus grafted under kidney capsule in the rabbit, 89, 580, P.
 Induction of cartilage and bone by devitalized implants under the kidney capsule of rabbits, 90, 563, P.
 Experimental bone induction by implants under kidney capsule of fracture callus, epiphyseal cartilage and other tissues in the rabbit, 90, 563-4, P.

Author Index

- Bridges, J. B. & Pritchard, J. J.**, Cartilage induction by devitalized muscle in the rabbit, 91, 589, P.
Bone and cartilage induction in the rabbit, 92, 28-38
see also Rashad, M. N. & McLaverty, B.
- Brierley, J. B. & Field, E. J.**, The connexion of the spinal sub-arachnoid space and the lymphatic system, 82, 153-66; 81, 393, P.
Chinese ink-filled lymph glands in a rabbit following intraventricular injection of the ink, 81, 404, P. (dem.)
The retro-orbital tissues as a site of functional connexion between the subarachnoid space and the lymphatic system, 83, 77-8, P.
The fate of an intra-neural crystalloid injection as demonstrated by the radioactive tracer technique, 84, 61-2, P.
- & Yoffey, J. M., Passage of indian ink particles from the cranial subarachnoid space, 83, 77, P.
see also Field, E. J.
- Brigg, E. A.**, *Anatomy of the sheep's brain*, 1939. 74, 411, rev.
- Briot, A.** case of homoeotic variation in first copulatory appendage of *Astacus fluviatilis*, 44, 106, rep.
- Briquet, see** Haushalter,
- Brisbourn, F. A.**, Distributions of mass within squamous basal cells as observed by interference microscopy 100, 936, P.A.S.A.N.Z.
- Briscoe, Lady Grace**, A case of hernia through the central tendon of the diaphragm in a cat, 61, 488-9, P.
Hernia through the central tendon of the diaphragm (cat) 62, 224-6
- Briscoe, Sir (John) Charlton**, The interchondral articulations, 59, 112-13, S.P.
The interchondral joints of the human thorax, 59, 432-7
- Briscoe, W. A.**, see Comroe, J. H., Forster, R. E., Dubois, A. B. & Carlsen, E.
- Brissaud, G. & Meige, H.**, Gigantism and acromegaly, 30, 452, rep.
Case of infantilism and acromegaly, 39, 498, rep.
- British Medical Association**, Grants in aid of scientific investigation, 14, 272
- British Postgraduate Medical Federation**, *The scientific basis of medicine: Annual reviews*, 1961. 96, 301-2, rev.
- Brito, P. S.** see Stirling, W.
- Britton, W. A.**, see Tomasch, J.
- Broad, W. H.**, The skeleton of a native Australian, 37, 89-96
- Broadbent, W. H.**, An attempt to apply chemical principles in explanation of the action of remedies and poisons, 3, 33-53
on chemical principles in the action of poison, 3, 227-8, rep.
On the so-called selective absorption by the lacteals and lymphatics, 4, 14-16
on structure of cerebral hemispheres, 4, 157-8, rep.
On the convolutions of a deaf and dumb woman, 4, 218-25
on structure of cerebral hemispheres, 4, 302-3, rep.
- Broadhurst, P. L.**, Behavioural responses in inbred and selected strains of rats, 99, 944, P. (dem.)
- Broca, A.**, on teratoma of the basi-sphenoid, 28, 374, rep.
- Broca, P. P.**, *L'ordre des primates, parallèle anatomique de l'homme et des singes*, 1870. 5, 373, rev.
on artificial deformity of the skull, 7, 167-8, rep.
on the caudal vertebrae in tailless primates, 7, 334-5, rep.
- Cerebral nomenclature, 13, 266 (t.o.); comment by Turner, 13, 270
- Topography of the brain**, 13, 266 (t.o.); comment by Turner, 13, 270-1
- Comparative anatomy of cerebral hemisphere convolutions, 13, 266 (t.o.); comment by Turner, 13, 275-6
- Brain of the gorilla**, 13, 266 (t.o.); comment by Turner, 13, 277-8
- Mémoires sur le cerveau de l'homme et des primates*, 1888. 22, 498, rev.
- Brock, G. S.**, A two-headed sartorius, 13, 578
- Brock, R. C.** (later Sir Russell), *The anatomy of the bronchial tree*, 1946. 81, 121, rev.; 2nd ed. 1954. 89, 268, rev.
- Brockis, J. G. & Moffat, D. B.**, The intrinsic blood vessels of the pelvic colon, 91, 606-7, P.
The intrinsic blood vessels of the pelvic colon, 92, 52-6
- Brocklehurst, R. J. & Edgeworth, F. H.**, The fibre components of the laryngeal nerves of *Macaca mulatta*, 74, 386-9
- Brockman, E. F.**, Atrophy of right hemisphere of cerebrum, left side of cerebellum, and left half of body, 10, 786-7
- Brodal, A.**, Correlated changes in nervous tissue in malformations of the central system, 80, 88-93
Experimental investigations of fibre connexions of the olfactory system, 81, 390-1, P.
Neurological anatomy in relation to clinical medicine, 1948. 83, 385, rev.
Experimental demonstration of cerebellar connexions from the peri-hypoglossal nuclei (nucleus intercalatus, nucleus praepositus hypoglossi and nucleus of Roller) in the cat, 86, 110-29
The reticular formation of the brain stem, 1957. 92, 167-8, rev.
The cranial nerves. *Anatomy and anatomico-clinical correlations*, 1959. 93, 558, rev.; 2nd ed. 1965. 100, 206-7, rev.
- & Fänge, Ragnar, editors, *The biology of Myxine*, 1963. 98, 457-8, rev.
- & Pompeiano, O., The vestibular nuclei in the cat, 91, 438-54
- & Walberg, F., *The vestibular nuclei and their connections, anatomy and functional correlations*, 1962. 97, 291, rev.
see also Bowscher, D. & Walberg, F.
Nyberg-Hansen, R.
Rossi, G. F.
- Brodie, C. G.**, Note on the transverse-humeral, coraco-acromial and coraco-humeral ligaments, 24, 247-52 (comparative)
Abnormality of the aortic arch, 23, vii-viii, P.
Ligaments about the shoulder, 23, xxi, P. (comparative study)
Dissections illustrated: a graphic handbook for students of human anatomy, 1893. 27, 565, rev.
on pelvic kidney with anomalous arteries, 27, xxxv-vi, P.
- Brodie Hughes, E.**, see Hughes E. Brodie
- Brodie, T. G.**, The extensibility of muscle, 29, 367-89
- Brodie, W.**, on the destruction of leucocytes, 35, 142-4
- Broeckaert**, Congenital perforations of the soft palate, 37, 306, rep.
- Broeckart, J.**, Anomalies of the soft palate, 34, 417, rep.
- Broek, van den**, on a double monster of *Talpa europaea*, 42, 136, rep.
- Broesike, G.**, *Repetitorium anatomicum*, 1930. 65, 280, rev.
- Broesike-Mair**, *Repetitorium anatomicum*, 3rd ed. 1932. 68, 123-4, rev.

Author Index

- Broman, I.**, on the development of the auditory ossicles in man, 33, 350 (ref. only)
Die Entwicklung des Menschen vor der Geburt, 1927. 62, 244, rev.
- Bromann, A** typical spermatozoa, 37, 305, rep.
- Brondgeest**, on a colourless crystalline derivative of blood, 6, 457, rep.
- Brondgeest, P. Q.**, On the influence of chloroform on the action of the heart, on respiration, and on the pressure of the blood in connexion with division of the nervus vagus and with curare-poisoning, 1, 175, abs.
- Brook, A** case of dilation and hypertrophy of the sigmoid flexure, 40, 299, rep.
- Brook, G.**, On the histology of the zoantharia, 25, i, P. (SMS) (t.o.)
- Brooke, H. G. & Hopwood, E. O.**, On the changes in the circulation which are induced when the blood is expelled from the limbs by Esmarch's method, 11, 307-20
- Brooke, R.**, The sacro-iliac joint, 58, 299-305
The influence of age and sex on the mobility of the sacro-iliac joint and age and sex incidence of disease of this joint, 59, 84, S.P. (t.o.)
- Brookes, M.**, Vascular patterns in human long bones, 91, 604, P.
The vascularization of long bones in the human foetus, 92, 261-7
Sequelae of experimental partial ischaemia in long bones of the rabbit, 94, 552-61; 93, 576, P.
The vascular architecture of mammalian bone cortex, 95, 615, P.
Cortical vascularization and growth in foetal tubular bones, 97, 597-609
Circulating red cell volume in bone tissues, 99, 409-10, P.
A computation of rates of blood flow in rat femora, 100, 435-6, P.
Effect of experimental venous congestion on the rat knee joint, 100, 436, P.
- & **Harrison, R. G.**, Microradiology of the blood supply of long bones, 90, 564, P.
The vascularization of the rabbit femur and tibio-fibula, 91, 61-72
- & **Irving, M.**, Neural factors in the genesis of bone atrophy, 96, 413, P.
- & **Landon, D.**, Juxta-epiphyseal sinusoids in long bones of the foetal rat, 97, 473, P.
- & **Lloyd, E. G.**, Vascularization of long bones in oestrogen-treated mice, 94, 286, P.
Marrow vascularization and oestrogen-induced endosteal bone formation in mice, 95, 220-8
- Brooks, H. St. J.**, Two cases of an abnormal coronary artery of the heart arising from the pulmonary artery, 20, 26-9
Variations in the nerve supply of the flexor brevis pollicis muscle, 20, 641-4
On the morphology of the intrinsic muscles of the little finger, with some observations on the ulnar head of the short flexor of the thumb, 20, 645-61
Variations in the nerve-supply of the lumbrical muscles in the hand and foot, with some observations on the innervation of the perforating flexors, 21, 575-85
On the short muscles of the pollex and hallux of the anthropoid apes, with special reference to the opponens hallucis, 22, 78-95
Short muscles of pollex and hallux of the anthropoid apes, with special reference to opponens hallucis, discussion, 22, ii-iii, P.
- Morphology of the muscles on the extensor aspect of the middle and distal segments of the limbs, 22, xv-xvii, P.
- Demonstration of skull topography (for D. J. Cunningham) 23, xi-xii, P.
- Centenarian skeleton, (for D. J. Cunningham) 23, xiii, P.
models illustrating topographical anatomy of the abdomen, 24, vii, P.
- Brooks, J. R.**, *Endocrine tissue transplantation*, 1962. 98, 137, rev.
- Brooks, W. Tyrrell**, The brachial plexus of the macaque monkey and its analogy with that of man, 17, 329-32
- Broom, R.**, On the organ of Jacobson in the *Mono-tremata*, 30, 70-80
On the anatomy of a form of cyclopean, 30, 459-60, rep.
On the occurrence of an apparently distinct prevomer in *Gomphognathus*, 31, 276-9
On an apparently hitherto undescribed nasal-floor bone in the hairy armadillo, 31, 280-2
On the existence of a sterno-coracoidal articulation, 31, 513-15
On the arterial arches and great veins in the foetal marsupial, 32, 477-83
On the organ of Jacobson in the *Hyrax*, 32, 709-13
Is there a critical period in marsupial development, 32, 714-20
On the development of the pterygo-quadrate arch in the *Lacertilia*, 37, 107-11
The origin of the human skeleton, 1930. 65, 277-8, rev.
The mammal-like reptiles of South Africa and the origin of mammals, 1932. 66, 669-71, rev.
The coming of man: was it accident or design? 1933. 68, 287, rev.
- Brossard**, see Cornil
- Brothwell, D. R.** editor, *Dental anthropology. Symposia of the Society for the Study of Human Biology*, vol. v, 1963. 98, 139, rev.
- Brouardel**, on the effect of purgatives and inanition on number of blood-corpuscles, 11, 556, rep.
- Brousolle**, on atresia of the small intestine, 28, 376, rep.
- Brown, A. Crum**, On the connection between chemical constitution and physiological action; with special reference to the physiological action of the salts of the ammonium bases derived from strychnia, brucia, thebaia, codeia, morphia and nicotia, 2, 224-42
On the sense of rotation and the anatomy and physiology of the semicircular canals of the internal ear, 8, 327-31
— & **Fraser**, on action of methyl and ethyl derivatives of atropine, conia and strychnia, 3, 478-9, rep.
- Brown, Barbara**, see Benson, G. K.
- Brown, D.**, Microscopic sections showing nerve endings in the meninges and ependyma, 69, 137, P. (t.o.)
Some observations on the bronchial system of the common seal, 88, 551-2, P.
The lung form in *Artiodactyla*, 88, 557-8, P.
The broncho-pulmonary segment concept applied to lungs of the *Artiodactyla* and *Carnivora*, 89, 561-2, P.
The bronchial tree in aquatic mammals, 92, 656, P.
The lobe of the azygos vein, 92, 672, P.
see also Hamilton, W. J. & Spiers, B. G.
- Brown, D. B.**, Macroscopic staining of the brain, 72, 625-6, P.
see also Blair, D. M.
- Brown, F. J.**, on mode of direction finding in migrator animals, 4, 323, rep.

Author Index

- Brown, J. G.**, on effects on injections of bile salts, 10, 217, *rep.*
 The therapeutics of diphtheria: an experimental study, 12, 1-34
 Abstracts of some physiological memoirs, 13, 121-6
 Report on physiological chemistry, 13, 236-51
 Report on recent physiological memoirs, 13, 407-9
- Brown, J. M.**, Abnormal cystic artery, 14, 368-72
 Variations in myology, 14, 512-13
 Peculiar malformation of both feet, 15, 448-9, *anat. not.*
 The femoral artery in apes, 15, 523-35
 Note on abnormal distribution of the thoracic duct, 16, 301-2, *anat. not.*
- Brown, K. N. & Harrison, R. G.**, The effect of sympathetic nerve stimulation on suprarenal cortical vascularization in the rat, 98, 11-16
- Brown, Katharine Rounsfell**, Hermaphroditism in a mole with external genitals, 58, 355-8
- Brown, Macdonald**, The construction of the ventricles in the mammalian heart, 23, 250-55
 Variations in the position and development of the kidneys, 28, 169-208
- Brown, R. Warwick**, *see* Cave, A. J. E.
- Brown, T.**, *Craniofacial variations in a Central Australian Tribe. A radiographic investigation of young adult males and females*, 1965. 100, 680, *rev.*
- Brown-Séguard, C. E.**, on inhibition of convulsions by sensory stimuli, 3, 212-13, *rep.*
 on motor nerve fibres in the spinal cord, 4, 323, *rep.*
 on experimental production of epilepsy, 5, 209, *rep.*
 on congestion after ligation of arteries, 5, 213-14, *rep.*
 on effects of lesions of the brain on lungs, 5, 403-4, *rep.*
 on carbon dioxide as an antidote to strychnia, 7, 196-7, *rep.*
 on influence of vagus on convulsions, 7, 343, *rep.*
 on ecchymosis and other effusions of blood, caused by a nervous influence, 8, 403, *rep.*
 on localization of brain function, 9, 213, *rep.*
 on cerebral power in man, 9, 213, *rep.*
 on researches on connections of the retina with the encephalon, 9, 219, *rep.*
 on cauterisation of cerebral hemispheres, 10, 619-20, *rep.*
- & Dupuy, on hereditary transmission of acquired characteristics, 6, 489, *rep.*
- & Labadie-Lagrave, on auditory vertigo, 10, 634, *rep.*
- Browne, C.**, on picrotoxine and the antagonism between this and chloral hydrate, 10, 654, *rep.*
- Browne, C. R.**, The ethnography of Inishbofin and Inishark, County Galway, in *Proc. R. Irish Acad.*, Nov. 30, 1893. 29, 141, 142, *rev.*
 On some crania from Tipperary, in *Proc. R. Irish Acad.*, Feb. 27, 1893. 29, 141, 142, *rev.*
see also Cunningham, D. J.
 Haddon, A. C.
- Browne, Denis (later Sir)**, Surgical anatomy of the tonsil, 61, 503, *P. (i.o.)*
 The surgical anatomy of the tonsil, 63, 82-6
- Brozeit**, on amount of blood in body, 5, 402, *rep.*
- Brožek, J.**, editor, *Human body composition. Approaches and applications. Symposium for the Society for the Study of Human Biology*, vol. VII, 1965. 100, 416-17, *rev.*
- Bruce**, on the dorsal nucleus of the glossopharyngeal nerve, 33, 685 (*ref. only*)
- Bruce, A.**, *Illustrations of the nerve tracts in the mid and hind brain, and the cranial nerves arising therefrom*, 1892. 27, 286-8, *rev.*
- A topographical atlas of the spinal cord*, 1901. 35, 428-9, *rev.*
see also M'Bride, P.
- Bruce, A. N.**, The topographical anatomy of the spinal cords of the orang and chimpanzee, 43, iii (July 1907) (*i.o.*)
- Bruce, J. & Walmsley, R.**, Specimens illustrating effects of experimental excision of patella in rabbits, 74, 143, *P. (dem.)*
- & Ross, J. A., *Manual of surgical anatomy*, 1964. 100, 209, *rev.*
see also Walmsley, R.
- Bruce, J. Mitchell**, On supernumerary nipples and mammae, 13, 425-48
- Brucher, J. M.**, *L'aire oculogyre frontale du singe*, 1964. 99, 186, *rev.*
- Bruck & Günther**, on pyrexia caused by lesions of rhombencephalon, 5, 410, *rep.*
- Brücke**, on a preparation of 'soluble Berlin blue' for transparent injections 1, 369, *abs.*
 on ammonia in blood, 3, 231, *rep.*
 on decomposition of fats in small intestine, 5, 224, *rep.*
 on peptones, 5, 224, *rep.*
 on preparation of glycogen, 6, 469-70, *rep.*
 on digestion and absorption of carbohydrates, 7, 350, *rep.*
- Brucke, E.**, *Vorlesungen über Physiologie*, 2 vols, 1874. 9, 248, *rep. (notice)*
- Bruere, A. A. & Kaufmann, J.**, Neutral-tinted glycerine-jelly as a medium for the mounting of pathological specimens, 44, 345-8
- Bruère, M. A. A.**, The direct action of hydrogen sulphide, hydrogen selenide and hydrogen telluride on haemoglobin, 26, 62-75
- Bruhl**, on supernumerary extensor hallucis longus, 7, 328, *rep.*
- Brun**, *see* Henneberg, Macker & Schulze,
- Brunch**, on vasomotor nerves of the intestines, 33, 685 (*ref. only*)
- Brunker**, A case of teratoma in an infant, 34, 416, *rep.*
- Brunn, A. von**, on 2nd interosseus dorsalis muscle of hand, a third head, 8, 161, *rep.*
 on ossification, 9, 190, *rep.*
- Brunner**, on percentage of fat in human milk, 8, 427, *rep.*
- Brunner, G.**, on the connections of the ossicles of the ear, 9, 416, *rep.*
- Brunner, T.**, on the composition of human milk, 8, 209-10, *rep.*
- Brunton, T. Lauder**, Actions of digitaline, 1, 154, *rep.*
 on the chemical composition of the nuclei of blood corpuscles, 4, 91-6
 On the action of nitrite of amyl on the circulation, 5, 92-101
 on effect of heat on vagus and heart, 6, 236-7, *rep.*
 On the apparent production of a new effect by the joint action of drugs within the animal organism, [strychnia and amyl nitrite] 8, 95-6
 Effect of warmth in preventing death from chloral, 8, 332-9
 on diabetes and hydruria, 8, 421, *rep.*
 on diuretic action of digitalis, 9, 241, *rep.*
 on physiology of vomiting and action of anti-emetics and emetics, 9, 426, *rep.*
 Physiological action of condurango, 10, 484-7
 A simple method of demonstrating the effect of heat and poisons upon the heart of the frog, 10, 602-3
 Reports on the progress of physiology, 5, 208-18, 396-411; & Ferrier, David, 6, 218-48; 6, 472-90; 7, 175-91

Author Index

- Brunton T. Lauder & Cash, T., The valvular action of the larynx, 17, 363-78
- & Meyer, A. B., Action of digitalis on the blood-vessels, 7, 134-8
- & Power, On the albuminous substances which occur in albuminuria, 13, 250-1, *rep.*
see also, Klein, E. Sanderson, J. Burdon, Foster, Michael
- Bryant, T., on malposition of the testis, hypospadias and epispadias, 3, 203, *rep.*
- Bryant, W. Sohier, The transition of the ciliated epithelium of the nose into the squamous epithelium of the pharynx, 50, 172-6
- Bryce, T. H., Description of a foetus, the subject of retroflexion of the trunk—ectopia viscerum and spina bifida; with a discussion as to the cause of these associated abnormalities, 29, 553-68
- On certain points in the anatomy and mechanism of the wrist-joint reviewed in the light of a series of roentgen ray photographs of the living hand, 31, 59-79
- Note on two useful accessories in serial section-cutting by the paraffin method, 31, 305-6
- Notes on the myology of a negro and Bengali (Dacca), 31, 607-18; 31, xxxvi, P.
- Note on a case of pectoralis minimus, 31, ii-v, P.
- Demonstration of a long muscular branch of the musculo-cutaneous nerve of the leg, 31, v-xii, P. (4/20 specimens)
- On a pair of negro femora, 32, 76-82; 32, i-ii, P.; 31, xxxvii, P. (t.o.)
- Muscles, var, extensor minimi digiti, 1 case, 32, xxxix-vi, P.
- A rare abnormality in the curvature of the duodenum, 33, xxvii-xxx, P.
- Note on a group of varieties of the pectoral sheet of muscle, 34, 75-8
- Lantern demonstration of fertilisation and segmentation of ova of *Echinus esculentus*, 34, li, P.
- Anterior duplicity in a chick-embryo, 35, 500, *rep.*
- on removal of eyeball leading to faulty development of the orbit, 35, iv, P.
- Photomicrographs of the dividing cells of the embryo of *Lepidosiren*, 37, lxx, P.
- Note of a case in which the 'deep accessory peroneal nerve' (Ruge) supplied the extensor brevis digitorum pedis on both sides in the same subject, 37, lxxix-lxxx, P.
- Note on the development of the thymus gland in *Lepidosiren paradoxa*, 40, 91-9
- The development of the thymus gland in *Lepidosiren paradoxa*, 40, ii, P. (t.o.)
- Demonstration of sections and model of a very young human ovum imbedded in the decidua, 43, ii, P. (June 1908) (t.o.)
- The West Scottish skull, 50, 243-54
- Demonstration of a series of ancient Scottish femora and tibiae, 66, 146, P.
- Bryce Collection of human embryos, 74, 143, P. (*dem.*)
- & McLaren, Sections and model of an early human embryo, 59, 64-5, S.P.
- & Nicol, T., Nature and development of vitally staining tissue in the pregnant uterus, 70, 201, P. (*disc. only*)
- & Teacher, J. H., microscopic demonstration of early human embryos, 61, 514, P.
- & Young, M., Observations on metopism, 51, 153-66
see also Nicol, T.
- Brynmor Thomas, D., *see* Thomas D. Brynmor
- Bubnoff, N., on the vascularity of cartilage 4, 153, *rep.*
- Buchanan Smith, A. D., *see* Smith, A. D. B.
- Buchanan, on work of the heart, 5, 402, *rep.*
- Buchanan, A., *The forces which carry on the circulation of the blood*, part I [Glasgow med. J., 1869, 2] 3, 445, *rev.*
- Buchanan, A. M., Diverticulum (Meckel's) of small intestine, 27, 559-63
- on hydrogen peroxide for cleaning bones, 27, ix, P.
- on lobulated kidneys in an adult, 1 case, 27, vii, P.; on glass bottles for preservation of specimens, 27, vii-viii, P.
- Abnormal sternum, 28, 313-14
- Calcareous body removed from the bursa over the patella, 28, 445-6
- Buchanan, G., (*editor*) *The anatomist's vade mecum*, 9th ed., 1873, 8, 157, *rev.*
- Buchanan, George, On the action of the thyro-hyoid muscle, 3, 255-6
- Buchanan, Gwynneth, Fraser, Elizabeth A. & Hill, J. P., The development of the urogenital system in the marsupialia, with special reference to *Trichosurus vulpecula*, part I, 53, 35-95
- Buchanan, L., The glands of the ciliary body, 31, 262-7
- Buchanan, T. J., *see* Walls, E. W.
- Buchheim & Eisenmenger, on effects of various poisons on isolated frog muscle, 4, 318-19, *rep.*
- & Loos, on actions of curara and curara-like substances, 4, 314, *rep.*
- Buchholtz, On conditions of nutrition of bacteria, 13, 240, *rep.*
- Buchholz, R., on the development of *Alciopa*, 4, 161, *rep.*
- Buchner, on stimulation of nerves by saturated solutions of urea, 10, 633, *rep.*
- Buck, on vibrations of the auditory ossicle, 5, 211, *rep.*
- & Burnett, on mechanism of the auditory ossicles, 8, 187, *rep.*
- Budge, on effect of electrical stimulation on anterior columns of the spinal cord, 4, 323, *rep.*
- Budge, A., on lymphatics of the liver, 11, 562, *rep.*
- Budge, J., *Anleitung zu den Präparirungen und zur Repetition der descriptiven Anatomie des Menschen*, 1866, 1, 145, *rev.*
- Compendium der Physiologie des Menschen*, 1870, 4, 287, *rev.*
- on the functions of levator ani, 10, 654, *rep.*
- Budin, on state of pupil during chloroform anaesthesia, 9, 414, *rep.*
- Buist, T. P., On a method of reconstructions by contour figure, 47, 246-9
- Buliginisky, A., on reactions of sarcosine 2, 430, *rep.*
- Bull, on a case of spina bifida, 43, 116, *rep.*
- Bullar, J. F., The generative organs of the parasitic isopoda, 11, 118-123
- Buller, A. H. R., Abnormal anterior abdominal vein in a frog, 30, 211-14
- Bulloch, W., The central nervous system of an anencephalous foetus, 29, 276-81
- Bullough, W. S. & Ebling, F. J., Cell replacement in the epidermis and sebaceous glands of the mouse, 86, 29-34
- Bulmer, D., Observations on the development of the lower end of the vagina in the sheep, 86, 233-45
- The early stages of vaginal development in the sheep, 90, 123-34
- Some aspects of the problem of vaginal development, 90, 570, P.
- The development of the human vagina, 91, 490-509
- Observations on the development of the vaginal wall, 91, 595, P.
- Observations on certain histochemical reactions of the foetal vaginal epithelium, 92, 636-7, P.

- Bulmer, D.**, The epithelium of the urogenital sinus and vestibule in female human foetuses, 92, 666, *P.*
Histochemical observations on the foetal vaginal epithelium, 93, 36-42
The epithelium of the urogenital sinus in female human foetuses, 93, 491-8
Observations on the reactions of phosphotungstic and phosphomolybdic acids with tissue sections, 95, 290, *P.*
Beta-glucuronidase activity in the rat placenta, 96, 417-18, *P.*
The distribution of β -glucuronidase activity in the ovary, 97, 154-5, *P.*
The histochemical distribution of β -glucuronidase activity in the rat placenta, 97, 181-7
Observations on hydrolytic enzymes in the ovary, 97, 305, *P.*
The esterase-rich cells of the rat ovary, 97, 620, *P.*
Histochemical observations on the developing vagina of the sheep, 97, 636-7, *P.*
The histochemical distribution of certain ovarian enzymes, 98, 27-36
The histochemistry of ovarian macrophages in the rat, 98, 313-19
A study of ovarian cholinesterases, 98, 469, *P.*
Organophosphate-resistant esterase activity in the ovary, 98, 479-80, *P. (dem.)*
Esterase and acid phosphatase activities in the rat placenta, 99, 513-25; 99, 204-5, *P.*
Comparison of histochemical methods for β -glucuronidase in rat ovary and placenta, 100, 697, *P.*
— & **Dickson, A. D.**, Fixation of carbohydrates in the rat placenta, 93, 570, *P.*
Observations on carbohydrate materials in the rat placenta, 94, 46-58
The antimesometrial decidua and decidua capsularis of the rat placenta, 94, 291-2, *P.*
The fibrinoid capsule of the rat placenta and the disappearance of the decidua, 95, 300-10
see also **Dickson, A. D.**
Fisher, A. W. F.
Peach, R.
Spiro, S. G.
Bumüller, J., *Das menschliche Femur, nebst Beiträgen zur Kenntniss der Affen-femora*, Thesis, Munich, 1899, 35, 271, 273-5, *rev.*
Bunch, G. A. & Ballantyne, B., The intrinsic innervation of quiescent mammary tissue, 100, 441, *P.*
see also **Ballantyne, B.**
Bunge, on potassium and sodium excretion in urine, 9, 243, *rep.*
Bunge, G., on the importance of chloride of sodium and its relation to potassium salts in the human economy, 8, 205, *rep.*
Bunn, D. I. G. & Turner, P., The representation of skull shape by contour drawing, 90, 298-303; 90, 562, *P.*
Cranio-metry: a suggested new method, 91, 580, *P.*
The measurement of skull shape and size, 94, 82-7
Bunn, T. A., The synovial recesses and bursae related to the human knee joint, 98, 493, *P.A.S.A.N.Z.*
Bunning, P. S. C. & Barnett, C. H., Variations in the talocalcaneal articulation, 97, 643, *P.*
A comparison of adult and foetal talocalcaneal articulations, 99, 71-6
Bunting, T. L., The histology of the lymphatic glands: the general structure, the reticulum and the germ centres, part I, 39, 55-68; part II, 39, 178-96
Burci, E., on a congenital perineal tumour, 26, 432, *rep.*
on a case of occipital hydrancephalocele, 26, 433, *rep.*
Burckhardt, R., *Das Central-nerven-system von Protopterus annectens*, 1892, 27, 200, *rev.*
Burckhardt, Hagenbach, see **Hagenbach-Burckhardt**
Burdon Sanderson, J., see **Sanderson, J. Burdon**
Burgh, R. Van den, *De subcorticale angioarchitectuur van het menselijk telencephalon*, 1961, 96, 136, *rev.*
Burgos, M. H., see **Wislocki, G. B.**, **Weiss, L. P.** & **Ellis, R. A.**
Burkart, R., on effect of irritation of laryngeal branches of vagus on respiration, 3, 210-11, *rep.*
Burkitt, A. N. & Gullberg, J. E., An abnormal skull from New Guinea, with remarks on structure of the mandible, 59, 95-6, *S.P.*
— & **Hunter, J. I.**, A primitive modern Australian skull, 59, 21, *S.P.*
The description of a Neanderthaloid Australian skull, with remarks on the production of the facial characteristics of Australian skulls in general, 57, 31-54
— & **Lightoller, G. H. S.**, Preliminary observations on the nose of the Australian aboriginal, with a table of aboriginal head measurements, 57, 295-312; 59, 58, *S.P. (t.o.)*
The facial musculature of the Australian aboriginal, part I, 61, 14-39; part II, 62, 33-57
see also **Gullberg, J. E.**
Burlend, T. H. & Strangeways, D. H., Note on a modification of Delafield's haematoxylin, 72, 631-2, *anat. not.*
Burmeister, on notes on *Delphinidae*, 6, 445-6, *rep.*
on *Arctocephalus hookeri*, 6, 446, *rep.*
on *Pseudorca grayi* [*Pseudorca crassidens*], 7, 173, *rep.*
on *Balaenoptera patachonica* and *intermedia*, 7, 335, *rep.*
Burnard, J. H., see **Davis, P. R.** & **Troup, J. D. G.**
Burne, R. H., Bile ducts of the common otter (*Lutra vulgaris*) 33, xxi-ii, *P.*
Laryngeal cartilages of an *Echidna*, 38, xxvii, *P.*
Exhibition of posterior part of the left cerebral hemisphere showing simian sulcus, 38, xxx, *P.*
A gland upon the ear conch of *Dasyurus maugei*, 43, 312-13
exhibition of specimens of (a) the ceruminous glands of *Dasyurus maculatus*; (b) hair-like processes of the integument in a male frog (*Trichobatrachus*); (c) the respiratory mechanism in the skate, 44, i, *P. (dem.)*
A reconstruction model of the cockroach in wood by Mr. E. T. Newton, 50, i, *P.*
Pregnant uterus and foetus of *Chiromys madagascariensis* and *Tarsius spectrum*, 59, 14-15, *S.P.*
Carotid arteries in *Galeus*, *Zygaena*, *Carcharias* and *Lamna*, 59, 103-4, *S.P.*
Burness, A. G., on the action of various drugs on temperature, 10, 651, *rep.*
Burnett, see **Buck**,
Burnett, C. H., on the external ear, a synthetic resonator, 8, 400, *rep.*
Burnstock, G., see **Merrillees, N. C. R.** & **Holman, Mollie E.**
Burridge, W., *Excitability. A cardiac study*, 1932; *A new physiology of sensation*, 1932, 67, 487, *rev.*
Burrows, H. Jackson & Coltart, W. D., *Treatment by manipulation*, 1951, 86, 232, *rev.*
Burston, W. R. & Latham, R. A., The effect of unilateral cleft of the lip and palate on maxillary growth pattern, 97, 312, *P.*
— & **Thurley, K.**, A technique for the orientation of serial histological sections, 91, 409-12, 88, 582, *P.*
Burwell, R. G., Structural changes induced by ischaemia in the kidney of the rabbit, 88, 575-6, *P.*

Author Index

- Burwell, R. G.**, Changes in the first regional lymph node after homografts and autografts of cancellous bone, 94, 455, *P.*
- A study of the first regional lymph nodes draining homografts of red bone-marrow, marrow-free cancellous bone and certain stored bones, 94, 575-6, *P.*
- A study of homologous cancellous bone combined with autologous red marrow after transplantation to a muscular site, 95, 613, *P.*
- Changes in first regional lymph nodes draining second-set homografts and autografts of fresh cancellous bone, 95, 607-8, *P.*
- Further studies of composite homograft-autografts of cancellous bone after transplantation to a muscular site, 97, 146, *P.*
- A histochemical study of normal lymph nodes and of lymph nodes activated by fresh tissue homografts, 97, 629, *P.*
- & **Millard, A.**, The dissemination of tissue antigens in the cortices of lymph nodes draining homografts of fresh iliac bone, 97, 147, *P.*
- , **Parsons, F. M. & Smiddy, F. G.**, The influence of acute uraemia upon the survival of skin homografts, 95, 282-3, *P.*
- see also **Sharp, J. A.**
- Bury J. S.**, see **Ringer, S.**
- Busachi, T.**, on persistent branchial cartilage in neck, 1 case, 27, 418, *rep.*
- on an oblique congenital facial cleft, 27, 418, *rep.*
- on cleft palate and double hare lip, 1 case, 27, 418, *rep.*
- on congenital absence of fibula, 1 case, 27, 422, *rep.*;
- congenital absence of tibia, 1 case, 27, 422, *rep.*;
- syndactyly, 1 case, 27, 422, *rep.*
- on congenital adherence of penis to scrotum, and hypospadias, 27, 422, *rep.*
- Busch**, on action of strychnia on sensory nerves, 8, 399, *rep.*
- Busk, G.**, on skeleton of Platycnemic man, 6, 435, *rep.*
- Bussche van de**, on partial bilateral absence of clavicles, 26, 439, *rep.*
- Büsse**, see **Henneberg, Märker, Schultze**
- Butler, H.**, The development of the azygos veins in the albino rat, 84, 83-94
- Post-natal patency of the umbilical vein, 85, 430-1, *P.*
- Some derivatives of the foregut venous plexus of the albino rat, with reference to man, 86, 95-109
- Abnormal disposition of the pulmonary veins, 86, 485-6, *P.*
- The development of the mammalian dural venous sinuses, 87, 447, *P.*
- The development of certain human dural venous sinuses, 91, 510-26; 88, 546, *P.*
- Early implantation in the lesser bush baby (*Galago senegalensis senegalensis*) 92, 665, *P.*
- Some physical characters of the Nilotic tribes of the Sudan, 92, 669, *P.*
- An early blastocyst of the lesser bush baby (*Galago senegalensis senegalensis*); a preliminary report, 93, 257-61
- The giant cell trophoblast of the lesser bush baby (*Galago senegalensis senegalensis*) 94, 578, *P.*
- The 'mesenchymatous' endoderm of the lesser bush baby (*Galago senegalensis senegalensis*) 94, 578, *P.*
- The spiral elastic arteries of the endometrium, 99, 201, *P.*
- & **Backhouse, K. M.**, The development of the cremaster muscle, 89, 580, *P.*
- see also **Backhouse, K. M.**
- Backhouse, K. M. & Woodhead, D. H.**
- Bütschli, O.**, on nematodes on *Periplaneta (Blatta) orientalis*, 6, 449, *rep.*
- on spermatozoa of insects and *Crustacea*, 6, 449, *rep.*
- Vorlesungen über vergleichende Anatomie*, part 5, 1931. 66, 674, *rev.*
- Butterfield, H. G.**, see **Hett, G. S.**
- Butterworth**, one case of congenital absence of one kidney, 39, 507, *rep.*
- Butterworth, R. F.**, The venous drainage of the left atrium, 88, 131-2
- Butzke, V.**, on the minute structure of the cerebral convolutions, 8, 171, *rep.*
- Buxton, B. H.**, Photographs of a series of an early human embryo, 33, 381-5
- Buxton, L. H. Dudley**, New interpretation of platymeria and platycnemia, 72, 160, *P.*
- Platymeria and platycnemia, 73, 31-6
- see also **Gilchrist, Mary L.**
- Buxton, R., Hally, A. D. & Scothorne, R. J.**, A histological and histochemical study of the developing salt gland in the domestic duck, 100, 931, *P.*
- see also **Hally, A. D. & Scothorne, R. J.**
- Buxton, St J. D.** A case of diverticulum of the jejunum, 58, 84-7; 59, 63, *S.P.*
- Byasson**, on effects of inhalation of formic ether [ethyl formate] 7, 193, *rep.*
- & **Follet**, on physiological actions of chloral hydrate and sodium trichloracetate, comparison, 6, 493-4, *rep.*
- Byasson, H.**, on excretion of mercury perchloridum in perspiration, saliva and urine, 7, 191-2, *rep.*
- on action of chloral-sulphydrate on guinea-pigs, 7, 192-3, *rep.*
- Byrne, J.**, On the development of the powers of thought in vertebrate animals in their connection with the development of their brain, 9, 97-117
- Byrne, J. G.**, *Studies on the physiology of the eye*, 1933. 68, 122, *rev.*; Reissue with supplement and new index, c. 1934. 73, 347, *rev.*
- Byrne, J. J.**, *The hand: its anatomy and diseases* 1959. 93, 554, *rev.*
- Bywater, H. H.**, A case of bifid tongue, 36, 304, *rep.*
- Cadarso, A. R. & Goyanes, J. J. B.**, A rare case of tortuosity of the internal carotid artery, 60, 119-20.
- Cadiat**, see **Robin**
- Caffey**, description of a dicephalus tribrachius monster, 43, 117, *rep.*
- Cagnetto**, Two cases of tumour of the hypophysis, 39, 498, *rep.*
- Cagney, J.**, Disposition of the vertebral column in hanging (and swinging) postures, 24, 584-91; 24, xiii, *P.*
- Cahours**, see **Jolyet, F.**
- Cahours, A.**, see **Pelissard, L. & Jolyet, F.**
- Cain, A. J.**, *Animal species and their evolution*, 1954. 88, 543, *rev.*
- & **Harrison, R. G.**, Cytological and histochemical variations in the adrenal cortex of the albino rat, 84, 196-226
- see also **Harrison, R. G.**
- Cairney, J.**, The lobe of the azygos vein, 58, 54-8
- Tortuosity of the cervical segment of the internal carotid artery, 59, 87-96
- The anomalous right subclavian artery considered in the light of recent findings in arterial development; with a note on two cases of an unusual relation of the innominate artery to the trachea, 59, 265-96

- Cajal, D. S. Ramón y**, Sur la structure de l'écorce cérébrale de quelques mammifères, 26, 271-4, *abs.*
Neuvo concepto de la histologia de los centros nerviosos, 1893. 27, 565, *rev.*
Über die feinere Struktur des Ammonshornes (Zeits. wissenschaft. Zool., 1893. 56, 615) 28, 269-70, *rev.*
Neue Darstellung vom histologischen Bau des Centralnervensystems in Archiv für Anatomie, Band vi, 1893. 28, 380, 381, *rev.*
Travaux du laboratoire de recherches biologique de L'Université de Madrid, 1927, vol. xxv, Fasc. 1. 63, 146-7, *rev.*
Histology, revised by J. F. Tello-Muñoz, translated from the 10th Spanish edition by M. Fernán-Núñez, 1933. 68, 429, *rev.*
- Calabrisi, P.**, Observations on the autonomic outflow to pelvic ganglia and viscera in human embryos, 88, 569, *P.*
- Caldagues**, on a case of branchial epithelioma 42, 137, *rep.*
- Calkins, L. A.** *see* Scammon, R. G.
- Call, T. J.**, *see* Johnston, J. W.
- Callander's** Surgical anatomy (revised by Anson & Maddock) 3rd ed., 1952. 87, 90, *rev.*
- Callender, G. W.**, on the anatomy of the thyroid body in man, 2, 170, *rep.*
 Notes on some points in the anatomy of the perineum, 3, 104-8
 on the formation and early growth of the bones of the human face, 3, 195, *rep.*; 4, 150, *rep.*
 Description of a foetal brain, 4, 247-55
 on sub-axial arches in man, 5, 376, *rep.*
- Calman, K. C.**, Hydroxysteroid dehydrogenases in the adrenal cortex, 99, 925, *P.*
see also Hart, D. M. *et al.*
- Calori, L.**, on a frontal encephalocele, with multiple abnormalities, 26, 433, *rep.*
 on inversion of thoracic duct, 26, 439, *rep.*
- Calvert, C. H.**, *see* Bridges, J. B.
- Calwell**, Two cases of dwarfism, 40, 292, *rep.*
- Camblin, J. G.**, *see* Bridges, J. B.
- Cambridge Museum**, Supracondylar process in the child, 33, 212, *abs.*
 Occipital centres of ossification, 33, 350-1
- Camerer**, on location of lingual organs of taste in man, 5, 401, *rep.*
- Cameron, Hermaphroditism**, 39, 500, *rep.*
 on a case of absence of corpus callosum, the transverse commissural fibres of the fornix and the septum lucidum, 43, 118, *rep.*
 Skeletons of Khnumu Nekht and Nekht Ankh of the XII Dynasty, 43, ii, *P.* (June 1908) (*t.o.*)
- Cameron, A. H. F.**, Notice of a case of peculiar malformation of the heart and great arteries, 5, 339-41
 Three cases of axillary mammary tumour (with observations) 13, 149-53
- Cameron, C. A.**, Metastatic excretion of urine, 16, 303, *anat. not.*
- Cameron, D. A.**, The fine structure of fracture callus in the rat, 98, 494, *P.A.S.A.N.Z.*
- Cameron, E.**, The effects of intratesticular injections of cadmium chloride in the rabbit, 99, 907-12
- & **Foster, C. L.**, Observations on the histological effects of sub-lethal doses of cadmium chloride in the rabbit, 1. Effect on the testis, 97, 269-80
see also Young, B. A., Foster, C. L. and Cameron E.
- Cameron, E. H. D.**, *see* Hart, D. McK. Baillie, A. H. & Griffiths, K.
- Cameron, J.**, A note on the origin of the pineal body as an amesial structure deduced from the study of its development in amphibia, 37, lxxviii-lxxix, *P.*
- Homologies of the sense organs, 37, xlii-xliii, *P.*
 On the presence and significance of the superior commissure throughout the vertebrata, 38, 275-92
 On the presence and significance of the superior commissure throughout the vertebrata, 38, xx-xxi, *P.*
 The development of the retina in amphibia: an embryological and cytological study, part I, 39, 135-153; part II, 39, 332-48; part III, 39, 471-88
 The ontogeny of the neuron in vertebrates, 39, 1-li, *P.*
 The histogenesis of nerve fibres, 40, iii, *P.*
 The histogenesis of nerve fibres: a cytological study of the embryonic cell-nucleus, 41, 8-29, 41, i, *P.* June 1906 (*t.o.*)
 A brain with complete absence of the corpus callosum, 41, 293-301
 Brain with complete absence of corpus callosum, 41, viii, *P.* (January 1907)
 The fascia of the pelvis, 42, 112-25
 The fascia of the perineum and pelvis of the female with special reference to the mechanical supports of the pelvic viscera, 42, 438-55
 The lamina terminalis and its relation to the fornix system, 45, 211-24
 Persistence of the left posterior cardinal vein, 45, 416-19
 Further researches on the rods and cones of vertebrate retinae, 46, 45-53
 A specimen showing complete remains of the left superior vena cava; with a description of a venule, which represents the 'lost' extrapericardiac portion of the left duct of Cuvier, 49, 140-7
 The cranial attachment of the internal lateral ligament of the lower jaw: with an investigation into the fibrogenesis of this structure, 49, 210-15
Researches in craniometry, 1928. 63, 392-3, *rev.*
Cranio-metric memoirs, No. I. The proportion between the nasion-alveolar height and the nasal width: a new cranial index and its significance, 63, 412-24; No. II. The human and comparative anatomy of Cameron's cranio-facial axis, 64, 324-36; No. III. The superior gnathic triangle. A new cranial triangle. Its significance in modern and fossil man, the anthropoids and lower animals, 65, 122-36; No. IV. Horizontal zones of the facial norma in modern and fossil man, 66, 114-22; No. V. The inferior gnathic triangle. A new cranial triangle. Its significance in modern and fossil man, the anthropoids and lower mammals, 67, 318-30; part VI. A comparative study of the intertemporal and interangular dimensions of the frontal bone, 69, 226-32
 Lantern slides illustrating some of the series *Cranio-metric Memoirs*, 65, 177, *P.*
Researches in Craniometry, vol. II, 1931. 66, 279-80, *rev.*
 The humeri of the ancient slingers of Minorca, 68, 132-3, *P.* (*disc. only*)
 — & **Gladstone, R. J.**, The structure of the blastoderm, and the continuity of the cell-elements during the early stages of development, 50, 207-27; 50, 12-13, *P.* (March 1915)
 — & **Milligan, W.**, The development of the auditory nerve in vertebrates, 44, 111-32
see also Lickley, J. D.
Cameron, Margaret P. & O'Connor, M., editors *Ciba Foundation Study Group no. 18. Brain-thyroid relationships*, 1964. 99, 403, *rev.*
see also Ciba Foundation

- Campbell, A case of fleshy appendages on left cheek of child on same side with anophthalmus, 39, 504, *rep.*
- Campbell Begg, R., *see* Begg, R. Campbell
- Campbell Geddes, A., *see* Geddes, A. Campbell
- Campbell, A. W., Histological studies on cortical localisation, 37, lxxi-lxxiv, P.
- Campbell, D. J., Neurosecretory pathways from the paraventricular nuclei of the hedgehog, 100, 702, P. (*dem.*)
- Campbell, E. J. Moran, The role of the scalene and sternomastoid muscles in breathing in normal subjects. An electromyographic study, 89, 378-86
The respiratory muscles and the mechanics of breathing, 1958, 93, 268-9, *rev.*
- Campbell, H. J., The development of the primary portal plexus in the median eminence of the rabbit, 100, 381-87
- Campbell J. A. Note of a case of abnormal union of several of the ribs, 4, 245-6
Note of a case of absence of vagina, with undeveloped uterus and ovaries, 20, 693-4
- Campbell, J. M., Bilateral anomaly of the laryngeal sacculle, 72, 465-6, *anat. not.*
- Campbell, J. S., The blood supply of the cardiac septum, 66, 141, P.
- Campbell, K., An accessory segment in the pulmonary valve, 30, 347-8
- Campbell, T. D., Dentition and palate of the Australian aboriginal, 1925, 60, 462, *rev.*
- Campion, G. G. & Young, M., The relative positions of the cartilaginous and osseous transmeatal axes in the human head, 65, 328-32
- Candlish, J. K., *see* Frame, J. & Smith, J. W.
- Cane, A. K. & Spearman, R. I. C., The filiform papillae of the rat tongue: their structure and histochemistry, 100, 691, P.
- Canestrini, G., on ancient crania, 3, 195-6, *rep.*
- Canestrini, G., describes the male of *Cobitis taenia*, 6, 448, *rep.*
- Cannieu, on muscular anomalies, 33, 681 (*ref. only*)
- Canti, R. G., Growth of tissue cultures, 68, 131, P.
- , Bland, J. O. W. & Russell, Dorothy S., Tissue culture of gliomata, 71, 149, P.
- Cantley, on congenital hypertrophic pyloric stenosis, 42, 138, *rep.*
- Cantlie, J., On the position of the gall-bladder, 31, xxxviii, P. (*t.o.*)
On a new arrangement of the right and left lobes of the liver, 32, iv-ix, P.
- Capel, E. H., Macroductyly, with report of a case, 69, 528-9
- Capener, N., Spondylosis and spondylolisthesis, 74, 559, P.
Physiological splintage, 83, 71, P.
- Cappie, on causation of sleep, 7, 339, *rep.*
- Cappie, J., The causation of sleep, 1872, 7, 321, *rev.*
- Caracache, A., A case of anencephalus, 35, 502, *rep.*
- Caraven, *see* Dartigues,
- Carlet, G., on locomotion in man, 7, 169, *rep.*
- Carleton, Alice M., A rhythmical periodicity in the mitotic division of animal cells, 68, 251-63
Flexor carpi radialis brevis vel profundus, 69, 292-3, *anat. not.*
The limb bones of the extinct lemurs of Madagascar, 70, 199-200, P.
Crossed ectopia of the kidney and its possible cause, 71, 292-8 (1 case)
Lemurs and crocodiles, 72, 167-8, P.
Observations on the problem of the proprioceptive innervation of the tongue, 72, 502-7
- Note on the effect of colchicine on the skin of young rats, 73, 357-8, P.
- A note on the effect of colchicine on the skin of young rats, 73, 416-18
- A comparative study of the inferior tibio-fibular joint, 76, 45-55; 76, 228, P. (*disc. only*)
- Carleton, H. M. C., Dioxane, a substitute for dehydration and clearing, 72, 176-7, P.
- Some fallacies in connexion with the fixation glycogen, 72, 177, P. (*demonstrations*)
- Histological technique, for normal tissues, morbid changes and the identification of parasites, 2nd ed. 1938, 73, 199, *rev.*
- & Short, R. H. D., editors, Schafer's Essentials of histology, 16th ed. 1954, 88, 435, *rev.*
- Carlier, E. Wace, The fate of the notochord and development of the intervertebral disc in the sheep, with observations on the structure of the adult disc in these animals, 24, 573-84; 25, ii, P. (SMS) (*t.o.*)
- A demonstration of some new and recent staining methods, 25, iii, P. (SMS) (*t.o.*)
- Contributions to the histology of the hedgehog (*Erinaceus europaeus*) parts I & II, alimentary canal and liver, 27, 84-111; part III, skin, 27, 169-78; part IV, lymphatic glands, 27, 354-60; part V, so-called 'hibernating' gland, 27, 508-18
- Note on the minute structure of the reticulum in the cat's spleen, 29, 479-84
- On the pancreas of the hedgehog during hibernation, 30, 334-46
- Note on the ovarian ova of the hedgehog, 33, 304-8
- Note on the presence of ciliated cells in the human adult kidney, 34, 223-5
- Note on the elastic tissue in the eye of birds, part I, 40, 15-24; part II, 40, 110-119
- & Evans, C. A. Lovatt, A chemical study of the hibernating gland of the hedgehog, together with the changes which it undergoes during winter sleep, 38, 15-31
see also Haycraft, J. B.
- Haycraft, J. B. & Schofield, H. C. L.
- Carlsen, E., *see* Comroe, J. H., Forster, R. E., Dubois, A. B. & Briscoe, W. A.
- Carman, J. B., The carotid labyrinth in *Hyla aurea*, with a note on that in *Leiopelma hochstetteri*, 89, 503-25
- The carotid labyrinth in Anura, 98, 490, P.A.S.A.N.Z.
- , Cowan, W. M. & Powell, T. P. S., Cortical connexions of the thalamic reticular nucleus, 98, 587-98
- , Powell, T. P. S. & Cowan, W. M., A quantitative study of the striatum in some primates 99, 950, P.A.S.A.N.Z.
- Carmichael, A. F., *see* Noble, H. W.
- Carmichael, E. A., *see* Woollard, H. H.
- Carmichael, E. Scott, Preliminary note on the position of the gall-bladder in the human subject, 37, 70-2
- Carmichael, J. & Hamilton, D. J., Two cases of lesion of the temporo-sphenoidal lobe of the brain, 14, 221-8
- Carnegie Dickson, W. E., *see* Dickson, W. E. Carnegie
- Caron, *see* Beaufumé
- Caron, G. A., *see* Sarkany, I.
- Carpenter, Congenital malformations and absence of clavicle, 5 cases, familial 34, 422, *rep.*
see also Schorstein
- Carpenter, M. B., The dorsal trigeminal tract in the rhesus monkey, 91, 82-90
- Carpenter, P. Herbert, Remarks on the anatomy of the arms of crinoids, part I, 10, 571-85; part II, 11, 87-95

Author Index

- Carpenter, P. Herbert**, On some points in the anatomy of *Pentacrinus* and *Rhizocrinus*, 12, 35-53
- Carpenter's Physiology**, 8th ed., 1876. 10, 658, *rep.* (notice)
- Carr, Edna, B.**, The development of the so-called 'uterus masculinus' in the rabbit, 86, 472, *P.*
- The development of the rabbit vagina, 87, 423-31
- Carr, I.**, Appositional phagocytosis, 95, 609, *P.*
- Aspects of the structure of foreign body granulomata, 97, 492, *P.A.S.A.N.Z.*
- The structure of mouse peritoneal cells before and after stimulation with glyceryl trioleate, 100, 427, *P.*
- The structure of stimulated peritoneal macrophages, 100, 695, *P.*
- , **Clegg, E. J. & Meek, G. A.**, Phagocytosis by Sertoli cells: an electron microscopic study, 100, 923, *P.*
- see also Clegg, E. J.
- Carriere, S.**, see O'Morchoe, C. C. C., Thorburn, G. D. & Barger, A. C.
- Carter, Case** of teratoma of the neck, 38, 366, *rep.*
- Carter, G. S.**, *A general zoology of the invertebrates*, 1940. 75, 143, *rev.*
- Carter, H. J.**, on sperm whale in the Indian ocean, 7, 335, *rep.*
- Carter, J. Thornton**, The microscopical structure of the enamel of two sparassodonts, cladosictis and pharsophorus, as evidence of their marsupial character: together with a note on the value of the pattern of the enamel as a test of affinity, 54, 189-95
- photo-micrographs showing development of the enamel in fishes, 61, 515, *P.*
- Carter, T. A.**, On the distal communication of the blood-vessels with the lymphatics; and on a diaplasmatic system of vessels, 4, 97-118
- Carton**, see De Ribes
- Caruso, F.**, Foetal rickets with lymphangiectasic elephantiasis, 34, 412, *rep.*
- Carver, E.**, On irregularities in the arteries and muscles of an idiot, 3, 257-61
- Carville, on** physiological action of jaborandi, 9, 448, *rep.*
- Carville, C. & Duret, H.**, on the functions of the cerebral hemispheres, 11, 185-6, *rep.*
- on results of electrical stimulation of the cerebral cortex, 8, 396, *rep.*
- & **Rochefontaine**, on removal of first thoracic ganglion of the great sympathetic in dog, 9, 213-14, *rep.*
- Carwardine, T.**, The suprasternal bones in man, 27, 232-4
- Casey, on** diurnal variations of the temperature, 7, 357, *rep.*
- Casey, B. H.**, see Thorburn, G. D., Casey, B. H. and Molyneux, G. S.
- Cash, J. T.**, The relationship between the muscle and its contraction, 15, 431-45
- Cash, T.**, on digestion of fat, 16, 147, *rep.*
- see also Brunton, T. Lauder
- Castellani, on** Brunner's glands, 33, 504 (*ref. only*)
- Castello, Paternò**, see Paternò-Castello
- Castro, on** notomelus, 35, 500, *rep.*
- Cater, D. B. & Lever, J. D.**, The zona intermedia of the adrenal cortex. A correlation of possible functional significance with development, morphology and histochemistry, 88, 437-54
- Cathcart, C. W.**, New form of ether microtome, 17, 401-3
- Movements of the shoulder girdle involved in those of the arm on the trunk, 18, 211-18
- On the movements of the ulna in pronation and supination, 19, 355-62
- Fusible metal injections, 25, 557-61
- Cathcart, E. P., Gairns, F. W. & Garven, H. S. D.**, The innervation of the human quiescent nipple, 84, 67, *P.*
- Catillon, A.**, On the physiological and therapeutic properties of glycerine, 13, 252-3, *abs.*
- Caton, R.**, Contributions to the cell-migration theory, 5, 35-47
- on method of studying living transparent vascular tissue, 5, 193-4, *rep.*
- Description of a new form of recording apparatus for the use of practical physiology classes [kymograph] 22, 103-6
- Case of complete transposition of viscera, 31, 446
- Catton, W. T. & Gray, J. E.**, Electromyographic study of the action of the serratus anterior muscle in respiration, 85, 412, *P.*
- see also Backhouse, K. M.
- Caubert & Mercadé**, Congenital hypertrophy of the toes, 40, 301, *rep.*
- Cauna, N.**, Observations on the origin and development of the hairless palmar and digital epidermis, 85, 423, *P.*
- Some observations on the structure and development of Meissner's corpuscle, 87, 440-1, *P.*
- Some observations on the nature and functions of the papillary ridges of the skin, 87, 452, *P.*
- Some observations on the intra-epidermal sweat ducts, 88, 559, *P.*
- Observations on the structure and development of the capsule of Meissner's corpuscle, 89, 562, *P.*
- Observations on nerve endings in Meissner's corpuscle, 89, 568, *P.*
- Cytological studies of digital touch corpuscles, 90, 567-8, *P.*
- The mode of termination of sensory nerves and its significance, 92, 640, *P.*
- Histochemical localization of cholinesterase in the superficial receptors of the human finger, 93, 584, *P.*
- Concerning the nature and evolution of limbs, 97, 23-34
- The manner of origin of non-mylinated nerve fibres, 97, 645-6, *P.*
- & **Mannan, G.**, Some observations concerning the function of the digital Pacinian corpuscles (corpuscula lamellosa) 90, 588, *P.*
- Observations on the structure of digital Pacinian corpuscles (corpuscula lamellosa) 91, 574-5, *P.*
- Development and age changes of human digital Pacinian corpuscles (corpuscula lamellosa) 91, 592-3, *P.*
- The structure of human digital Pacinian corpuscles (corpuscula lamellosa) and its functional significance, 92, 1-20
- Organization and development of the preterminal nervous pattern in the palmar digital skin, 92, 658-9, *P.*
- Development and postnatal changes of digital Pacinian corpuscles (corpuscula lamellosa) in the human hand, 93, 271-86
- & **Naik, N. T.**, Autonomic nerve supply and distribution of cholinesterase activity in glands and unstriated musculature, 95, 602-3, *P.*
- & **Ross, L. L.**, Observations on the fine structure of Meissner's corpuscles, 93, 574-5, *P.*
- see also Alberti, P.
- Leaming, D. B.
- Naik, N. T.

- Causey, G., The effect of pressure on nerve fibres, 82, 262-70
 The effect of pressure on nerve-fibre size, 83, 75, P.
 The effect of pressure on conduction and nerve fibre size, 84, 65, P.
 An electron microscopic examination of the endoneurial cell, 93, 574, P.
 The cell membrane and nuclear membrane of normal and experimental Schwann cells, 93, 577, P.
 The cell of Schwann, 1960, 94, 446, rev.
 Electron microscopic observations on human skin, 94, 572, P.
 Electron microscopy, 1962, 97, 136, rev.
 — & Heyner, Susan, An ultrastructural study of normal and neoplastic fibroblasts cultivated *in vitro*, 98, 285, P.
 — & Hoffman, H. J., The submicroscopic structure of degenerating and regenerating nerves, 88, 554, P.
 The relation of the Schwann cell to the nerve fibre, 89, 562, P.
 The relation between the Schwann cell and the axon in peripheral nerves, 90, 1-4
 The ultrastructure of the synaptic area in the superior cervical ganglion, 90, 502-7
 — & Palmer, Elizabeth, The epineurial sheath of a nerve as a barrier to the diffusion of phosphate ions, 87, 30-6
 Early changes in the shape and size of a nerve fibre after crushing, 84, 406, P.
 The connective tissue sheath of a nerve as a barrier to the diffusion of phosphate ions, 86, 476, P.
 The centrifugal spread of structural change at the nodes in degenerating mammalian nerves, 87, 185-91; 87, 439, P.
 — & Slome, D., The electromyography of the sternomastoid muscle, 88, 554, P.
 — & Stratmann, C. J., Changes in the deoxyribonucleic acid content of ganglion cells during chromatolysis, 93, 341-47
 see also Aitken, J. T., Joseph, J. & Young, J. Z. Barton, A. A.
 Cavafy, on epithelium and endothelium, 9, 197-8, rep.
 Cavalie, on innervation of the diaphragm by intercostal nerves in man and birds, 33, 501 (ref. only)
 A case of double ovary, 36, 304-5, rep.
 — & Guerin-Valmale, A case of myelencephalous twin, 35, 501, rep.
 see also Billard
 Cavasse, M., A case of atresia of the inferior vena cava, 32, 792, rep.
 Cave, A. J. E., Fusion of carpal elements, 60, 460-1
 Bilateral and unilateral thinning of the parietal bone, 61, 486-7, P.
 Two cases of congenitally enlarged parietal foramina, 63, 172-4, P.
 The distribution of the first intercostal nerve and its relation to the first rib, 63, 367-79
 Exhibitions of cervical rib, fusion of third and fourth cervical vertebrae, anomalies of sixth cervical vertebra, complete cervical spine of adult Orang, upper six cervical vertebrae of *Macacus rhesus*, 64, 116-19, P.
 Skull showing a craniopharyngeal canal and asymmetrical maxillary sinuses, 64, 126, P.
 On fusion of the atlas and axis vertebrae, 64, 337-43
 Further observations upon the inferior grooving of the first rib, 65, 165-9, P.
 Two cases of congenital deformity of the cervical vertebrae, 65, 170-2, P.
 The craniopharyngeal canal in man and anthropoids, 65, 363-7
 Demonstration of two abnormalities (a) ossification of the hyoid apparatus (b) anomalous M. supinator longus, 66, 136-8
 Definition of pleurapophyses, 66, 147, P. (t.o.)
 Nuclear erosions of the vertebral bodies, 67, 209-10
 Significance of the bifidity of the cervical spinous processes, 67, 210, P. (t.o.)
 A note on the origin of the M. scalenus medius, 67, 480-3
 A note on the vertebral artery, 68, 134-5, P.
 A microcephalic cranium, 68, 135, P.
 Dorsum sellae, 68, 137-9, P.
 The occipito-atlantal joints, 68, 152, P.
 On the occipito-atlanto-axial articulations, 68, 416-23, anat. not.; 68, 152, P.
 Cervical intercostal articulation, 68, 521-4
 Neuro-central epiphyses, 69, 131, P.
 Anomaly of the cervical articular pillars, 69, 134-6, P.
 Occipital hypochondral elements, 69, 145, P. (t.o.)
 The evolution of the spine of the axis vertebra, 70, 190-2, P.
 Morphology of the last dorsal transverse process, 70, 275-7; 70, 201, P. (t.o.)
 Appendix vermiformis duplex, 70, 283-92
 On the cardiac arteries of the Asiatic elephant, 71, 124-7, anat. not.
 The mammalian odontoid, 71, 143-5, P.
 A further example of cervical intercostal articulation, 71, 415-16, anat. not.
 The innervation and morphology of the cervical intertransverse muscles, 71, 497-515
 Identification of cervical vertebrae, 72, 140, P. (t.o.)
 The anatomical and obstetrical significance of the sacro-sciatic notch, 72, 140-2, P.
 The antiquity of vertebral nomenclature, 72, 169-70, P.
 Skeletal development in a eunuch, 72, 318-19, P.
 The vertebra critica, 72, 319, P.
 The morphological constitution of the odontoid process, 72, 621, P.
 A series of Neolithic crania, 72, 626, P. (dem.)
 Specimens illustrating growth-changes in vertebrae, 72, 626, P. (dem.)
 Seventeenth-century ivory anatomical mannikins, neolithic and modern scapulae showing an adventitious epiphysis on the dorsal aspect of the spine and an Early Bronze Age trephined cranium, demonstrations, 73, 362, P.
 A new reconstruction of *Australopithecus*, 74, 139, P.
 Restoration of *Australopithecus africanus*, 74, 143, P. (dem.)
 Orbital anomalies in *Colobus badius preussi*, 74, 559, P. (dem.)
 Drawings of the conspicuous extraduodenal, or intramural, pancreato-biliary ampullae of various mammals, 77, 121, P.
 Congenital atlantal arch defect in the gorilla, 85, 408, P.
 Functional atrophy of maxillary origin, 92, 638, P.
 The nature and morphology of the costoclavicular ligament, 95, 170-9
 Epipharynx (nomen novum) 95, 281-2, P.
 — & Aumonier, F. J., Observations on the cetacean reniculus, 98, 687, P.
 — & Brown, R. Warwick, The morphology of the costo-clavicular ligament, 86, 495, P.
 — & Green, N. A., Postnatal development of the costal cartilages, 88, 545, P.
 — & Haines, R. Wheeler, The paranasal sinuses of the anthropoid apes, 74, 493-523; 74, 558, P. (disc. only)
 — & Porteous, C. J., The attachments of m. semi-membranosus, 92, 638, P.

Author Index

- Cayrade, on the action of delphinia, 4, 165, *rep.*
- Cazalis, J., on muscular fibres of the diaphragm, 5, 193, *rep.*
- Cazaneuve, P. & Livorn, C., On the physiology of the vesical epithelium, 13, 256-7, *abs.*
- Ceradini, on intrathoracic movements of arterial and venous blood and air, during cardiac cycle, 6, 235, *rep.*
- Cerf, Jean A., *see* Chacko, L. W.
- Cerrot, *see* Sorel
- Cerruti, on two cases of anomaly of the reproductive organs in *Bufo vulgaris*, 43, 117-18, *rep.*
- Chacko, L. W., A preliminary study of the distribution of cell size in the lateral geniculate body, 83, 254-66
- The laminar pattern of the lateral geniculate body in man and the lower primates, 83, 56, P.
- & Cerf, Jean A., Histochemical localization of cholinesterase in the amphibian spinal cord and alterations following ventral root sections, 94, 74-81
- Chafee, Ellen E. & Gresheimer, Esther M., *Basic physiology and anatomy*, 1964. 99, 674-5, *rev.*
- Chagula, W. K., *see* Allbrook, D. B.
- Chaillons, M. & Desfosses, P., A case of hemimelia, 31, 463, *rep.*
- Chalmers, D. G. & Gresham, G. A. editors, *Biological aspects of occlusive vascular diseases*, 1964. 99, 188, *rev.*
- Chalmers Mitchell, P., *see* Mitchell, P. Chalmers
- Chambardel, Dubreuil-, *see* Dubreuil-Chambardel
- Chamberlaud, *see* Pasteur & Joubert
- Chambers, W. W., *see* Thomas, D. M., Kaufman, R. P. & Sprague, J. M.
- Chambrelent on a derodyme monster, 35, 501, *rep.*
- Champneys, Frank, On the muscles and nerves of a chimpanzee (*Troglodytes niger*) and a *Cynocephalus anubis*, 6, 176-211
- Communication between the external iliac and portal veins, 6, 417-19
- The septum atriorum of the frog and the rabbit, 8, 340-52
- & Power, D'A., Occlusion of the duodenum, 32, 797, *rep.*
- Chan, D. K. O. & Phillips, J. G., The embryology of the rectal gland of the spiny dogfish, 100, 899
- Chan, S. T. & Chan, Y. B., *see* Chang, K. S. F. & Hsu, F. K.
- Chandelon, T., on glycogen content of muscle after denervation and arterial ligation, 11, 563-4, *rep.*
- Chang, Hsiang-Tung & Ruch, T. C., Organization of the dorsal columns of the spinal cord and their nuclei in the spider monkey, 81, 140-9
- Topographical distribution of the spinothalamic fibres in the thalamus of the spider monkey, 81, 150-64
- Spinal origin of the ventral supraoptic decussation (Gudden's commissure) in the spider monkey, 83, 1-9
- The projection of the caudal segments of the spinal cord to the lingula in the spider monkey, 83, 303-7
- Chang, K. S. F., Hsu, F. K., Chan, S. T. & Chan, Y. B., Scrotal asymmetry and handedness, 94, 543-8
- Chanmugam, P. K., Note on an unusual ophthalmic artery associated with other abnormalities, 70, 580-2
- Channell, G. D. & Whillis, J., The effect of ulnar nerve block at the level of the pisiform bone on movements of the ring finger, 83, 71, P.
- see also* Whillis, J.
- Chantre, *see* Arloing
- Chapman, H. C., The placenta and generative apparatus of the elephant, 15, 300, *abs.*
- Charles, A., An electron microscope study of the human axillary apocrine gland, 93, 226-32
- Charles, J. J., Notes of some cases of abnormal arrangement of the arteries of the upper extremity, 7, 300-1
- Notes of abnormalities in the arteries of the upper extremity, 9, 180-1
- On the mode of propagation of nervous impulses, 14, 131-9
- Researches on the gases of the bile, 16, 283-99
- On the sources and the excretion of carbonic acid at the liver, 19, 166-70
- Notes of a case of persistent left superior vena cava, the right superior vena cava being in great part a fibrous cord, 23, 649-50
- A case of absence of the radial artery, 28, 449-50
- The causes of the entrance of oxygen into the blood in the lungs, 34, 238-47
- Charles, R. H., Notes on the craniometry of some of the outcaste tribes of the Panjab, 26, 1-25
- Contributions to the craniology and craniometry of Panjab tribes, 27, 5-20
- The influence of function, as exemplified in the morphology of the lower extremity of the Panjabi, 28, 1-18
- Morphological peculiarities in the Panjabi, and their bearing on the question of the transmission of acquired characters, 28, 271-80
- The nasal index compared upon the head and skull, with notes upon the nasal bones and anterior nasal aperture, in *J. Asiatic Society of Bengal*, vol. lxiii, part iii, No. 1. 1894. 29, 141, 143, *rev.*
- Remarks on the morphology of the lumbar, sacral and caudal regions of the Panjabi, in *Scientific memoirs by medical officers of the army of India*, part viii, 1894. 29, 141, 143, *rev.*
- Charles, S. Wilson, The structure of the articular surfaces of the temporo-mandibular joint, 59, 107-8, *S.P.*
- Development of the mandible, 72, 148, P.
- Development of the maxilla and mandible and their associated tooth germs, 74, 559, P. (10.)
- Madder experiments and the growth of bone, 76, 227, P.
- The development of the paranasal sinuses of the pig, 80, 217, P.
- The control of accretion and absorption in the membrane bones, 80, 220, P.
- Charles, T. Cranstoun, Schema of the circulation of the blood and lymph, 22, 435-40
- Charlewood Turner, F., *see* Turner, F. Charlewood
- Charlton, C. A. C., Higton, D. I. R., James, D. W., Nicol, A. R. & Stewart, J. O., Wound contraction in the guinea pig, 95, 449, P.
- Charlton, G. A., Description of a foetus amorphus, 36, 78-80
- Charnock Bradley, O., *see* Bradley, O. Charnock
- Charpy, on the capacity of the caecum, 33, 354 (*ref. only*)
- on the anomalies of the pancreatic ducts, 33, 683 (*ref. only*)
- Charrin, A., Results of injecting toxins into pregnant cavies and rabbits, 31, 455-6, *rep.*
- Chase, M. R., Congenital deficiency of the pericardium, 50, 299-302
- Chatin, J., on myology of *Hyemoschus*, 7, 171, *rep.*
- on visceral anatomy of *Viverra civetta*, 8, 176, *rep.*
- Chauveau, on active principle of serum for vaccination, 2, 425, *rep.*

- Chauveau, on comparative study of instantaneous and continuous electrical currents in the case of unipolar excitation, 10, 633, *rep.*
- On the rate of the nerve current in the motor nerves of mammals, 13, 259-60, *abs.*
- Chauveau, A., on unipolar excitation of nerves, 11, 544, *rep.*
- & Arloing, S., The comparative anatomy of domesticated animals, 2nd. ed. (trans. & ed. by Fleming) 1873. 7, 322, *rev.*; 8, 157, *rev.*; 1891. 26, 277, *rev.*
- Chaytor, D. E. B., Self-regulation in insulin-injected embryos, 92, 664, *P.*
- see also* McKenzie, J.
- Cheatle, Demonstration of the mastoid antrum, 31, xxxiv, *P.*
- Cheesman, J. E., *Baillière's Synthetic anatomy*, parts I, II and III, 1926. 61, 386, *rev.*; part V, the leg, part VI, the foot, 1929. 64, 537, *rev.*; part IV. Thigh and hip; Part IX. Head and neck; Part Ia. Pterygo-maxillary region, 1928-9. 65, 281, *rev.*; Part VII. The thorax. Part VIII. The abdomen, 1930. 65, 559, *rev.*; Part XI. Perineum (male); Part XII. Perineum (female), 1931. 66, 279, *rev.*; Parts I-XII, 1930. 67, 187, *rev.*
- Chen, Jui Ming, Studies on the morphogenesis of the mouse sternum. I. Normal embryonic development, 86, 373-86; II. Experiments on the origin of the sternum and its capacity for self-differentiation *in vitro*, 86, 387-401; III. Experiments on the closure and segmentation of the sternal bands, 87, 130-49
- Cherou & Goujon, on action of venom of viper, 3, 481, *rep.*
- Cheyne, W., Supernumerary right kidney, 1 case, 34, 420, *rep.*
- Chi, T. K., M. tensor ligamenti cruciati cruris (?), 72, 132-3, *anat. not.*
- An unusual variation of the pharyngeal muscles, 72, 134-5, *anat. not.*
- Chiari, Case of thoracopagy, 40, 297, *rep.*
- A case of complete absence of left pinna and atresia of the corresponding external auditory meatus, 44, 100, *rep.*
- Chiari, H., on trifurcation of trachea, 26, 438, *rep.*
- Chiarleoni, G., Diphallus, 30, 459, *rep.*
- Chiarugi, G. & Banchi, A., Increased temperature and development of *Salamandrina* ova, 32, 782, *rep.*
- & Livini, F., Experiments with *Salamandrina perspicillata* ova, 32, 782, *rep.*
- Chick, Wendy J., *see* Lever, J. D., Graham, J. D. P. & Irvine, G.
- Chidester, Foetus of seven months with multiple deformities, 44, 97, *rep.*
- Chiene, J., Case in which the innominate veins opened separately into the right auricle and in which the intestines were misplaced, with remarks on the development of the parts, 2, 13-18
- Anatomical description of a case of intraperitoneal hernia, 2, 218-22
- Case of an obliterated right internal jugular vein, 2, 222-3
- Complete obliteration of the coeliac and mesenteric arteries: the viscera receiving their blood-supply through the extra-peritoneal system of vessels, 3, 65-72
- Note of a supernumerary lobe to the right lung, 4, 89-90
- on malrotation of the gut, 5, 381-2, *rep.*
- & Cleland, J., on supernumerary lobe to right lung, 5, 196, *rep.*
- & Ewart, J. Cossar, Do bacteria or their germs exist in the organs of healthy animals?, 12, 448-53
- Chievitz, on topographical anatomy of the full-term human foetus, Copenhagen, 1899. 33, 683 (*t.o.*)
- Chill, on a case of fissura abdominis with duplication of the external genitalia, 42, 136, *rep.*
- Chin, N. K., *see* Barker, D.
- Chiquoine, A. D., *see* Lawn, A. M.
- Lawn, A. M. & Amoroso, E. C.
- Chirone, on the theory of double muscular action, 11, 568, *rep.*
- Chirone, V., on the action of quinine on circulatory system and muscular fibre, 10, 654, *rep.*
- Chisholm, I. A., *see* Bacsich, P., Gellért, A. & Sávary, J.
- Chitale-Bhajakar, on a case of transposition of the caecum and appendix, which were found in the sac of a left congenital inguinal hernia, 43, 122, *rep.*
- Chittenden, N. H., on glycogen and glycocholl in the muscles of *Pecten inodians*, 11, 563, *rep.*
- Choulant, L., *History and bibliography of anatomic illustration* (trans. by Frank) 1962. 97, 134, *rev.*
- Choupe, H., on the mode of action of emetics, 10, 655-6, *rep.*
- Chowdhary, D. S., A rare anomaly of m. flexor digitorum sublimis, 85, 100-1, *anat. not.*
- Chrétien, Congenital absence of left kidney, 31, 460, *rep.*
- Christeller, E., *Atlas der Histotopographie gesunder und erkrankter Organe*, 1927. 62, 517, *rev.*
- Christensen, G. C., *see* Miller, M. E. & Evans, H. E.
- Christensen, K., Sympathetic and parasymphathetic nerves in the orbit of the cat, 70, 225-32
- Christian, on two instances of the musculus sternalis, 33, 501 (*ref. only*)
- Christiani, A., on physiology of the rabbit's brain and its nerve, 16, 142-3, *rep.*
- Christie, G. A., An embryological analysis of certain cardiac abnormalities produced in the offspring of trypan blue injected rats, 95, 614, *P.*
- Glycogen and alkaline phosphatases in relation to decidual development in early pregnant rats, 100, 431, *P.*
- The development of the limbus fossae ovalis in the human heart—a new septum, 97, 45-54
- The teratogenic activity of trypan blue, and its effect on the thyro-hypophyseal axis in the rat, 98, 377-84
- Influence of thyroid status on the teratogenic effect of trypan blue in the rat, 99, 924, *P.*
- Influence of thyroid function on the teratogenic activity of trypan blue in the rat, 100, 361-68
- Histochemical demonstration of carbohydrate metabolism in relation to the implanting rat embryo, 100, 930, *P.*
- Chrschtschonovitsch, on nerve-endings in vaginal and uterine membrane, 6, 435-6, *rep.*
- Chrzonszczewsky, on the arrangement of bile-ducts in the lobules of the liver, 1, 146, *rep.*
- on the structure of capillary blood vessels, 1, 148, *rep.*
- on the existence of an epithelial lining to the air-vesicles of the lung, 1, 148, *rep.*
- on lymph vessels, 1, 148, *rep.*
- Chtapowski, *see* Grutzner
- Chudzinski, T., *Sur les plis cérébraux des Lémuriens en général et du Loris grêle en particulier*, 30, 312, *rev.*
- Chudzinsky, on muscular varieties in the races of man, 33, 682 (*ref. only*)

Author Index

- Church, J. C.**, see Allbrook, D. B. & Noronha, R. F. X.
Ciba Foundation on bone structure and metabolism, 1956. 91, 565, rev.
- Ciba Foundation Colloquia upon ageing**, volume 2. *Ageing in transient tissues*, 1956. 91, 416, rev.; volume 5. *The lifespan of animals*, 1959. 94, 567, rev.
- Ciba Foundation Study Group No. 18. Brain-Thyroid relationships** (ed. Cameron & O'Connor) 1964. 99, 403, rev.
- Ciba Foundation Symposium on congenital malformations** (Wolstenholme & O'Connor, editors) 1960. 95, 145-6, rev.
- on *pulmonary structure and function* (edited by de Renck & O'Connor) 1962. 97, 132, rev.
- on *transplantation* (ed. by Wolstenholme and Cameron) 1962. 97, 476, rev.
- on *cellular injury* (ed. de Reuck, A. C. V. & Knight, Julie) 1964. 99, 673, rev.
- Cienkowski, L.**, on *Noctiluca miliaris*, 7, 338, rep.
- Cioff, E.**, Double penis, 32, 792, rep.
- Civatte, A**, case of cardiac abnormality, 35, 503, rep. Absence of the uterus, 35, 505, rep.
- Civel**, see Lenoble
- Civette, Bicuspid aortic valves**, 34, 419, rep.
- A case of absent vagina, with supernumerary ovary and atresia of uterine tubes, 34, 421, rep.
- Claisie, P. & Levi, C.**, Internal hydrocephalus in a child aged 3, 32, 787, rep.
- Claparède, E.**, on anatomy and development of marine *Bryozoa*, 5, 387, rep.
- & **Mecznikow, E.**, on development of *Chaetopoda*, 4, 161, rep.; 4, 307, rep.
- Clapham, C.**, The weight of the brain in the insane, 13, 267 (t.o.); comment by Turner, 13, 282 on weight of the brain (716 cases) 8, 173, rep.
- Claringbold, P. J.**, see Biggers, J. D.
- Clark, A. E.**, see Curran, R. C. & Lovell, D.
- Clark, E.**, Congenital variation of the pectoral muscles, with report of a case, 49, 155-64
- Clark, F. Le Gros**, Some remarks on the anatomy and physiology of the urinary bladder, and of the sphincters of the rectum, 17, 442-59
- Some remarks on nervous exhaustion and on vasomotor action, 18, 239-56
- Some thoughts on the evolution and affinity of disease, 21, 239-63
- Clark, H. E.**, on one case of cervical ribs, 9, 388, rep.
- Clark, J. W.**, on bidental skull of *Monodon monoceros*, 6, 445, rep.
- on viscera anatomy of hippopotamus, 7, 336, rep.
- on skull of Marten, 9, 405, rep.
- on seals of Auckland islands, 9, 405, rep.
- Clark, R. B.**, see Keller, H.
- Clark, S. L.**, revisor, *The anatomy of the nervous system* (Ranson) 9th ed., 1953. 87, 432, rev.
- Clark, W. B.**, The cerebellum of *Petromyzon fluviatilis*, 40, 318-25
- Clark, W. E. Le Gros** (later Sir Wilfrid), On the Pacchionian bodies, 55, 40-8
- The visual cortex of primates, 59, 350-7; 59, 105, S.P.
- The mammalian oculomotor nucleus, 60, 426-48; 60, 487-8, P.
- Description of the cerebral hemispheres on the brain of a gorilla (John Daniels II) 61, 467-75; 61, 489-90, P.
- On the brain of the *Macroscelididae* (*Macroscelides* and *Elephantulus*) 62, 245-74
- An experimental study of the nature of the synovial membranes of joints, 63, 152-4, P.
- The brain of the *Macroscelididae*, 63, 159, P. (t.o.)
- Demonstration of microcallosal brain of woman, 63, 161, P.
- The thalamus of *Tupaia minor*, 63, 177-206; 63, 164, P. (t.o.)
- A method of demonstrating lymphatic plexuses, 64, 115, P.
- Anatomical routes by which infection may pass from the nasal cavities to the brain, 64, 121, P.
- The anterior nuclei of the thalamus in insectivores, 64, 125, P.
- The thalamus of *Tarsius*, 64, 371-414; 65, 174, P. (t.o.)
- Demonstration of Marchi preparations showing the terminations of the optic tracts in the rat, 66, 138, P.
- Lateral geniculate bodies, man and monkey, 67, 193, P.
- Lamination of the lateral geniculate body in the Primates, 67, 202, P.
- Experimental observations on thalamic connections in the rat, 67, 204, P.
- The medial geniculate body and the nucleus isthmi, 67, 536-48; 68, 139; P. (t.o.)
- Early forerunners of man*, 1934. 68, 571-2, rev.
- The topography and homologies of the hypothalamic nuclei in man 70, 203-14
- The thalamic connections of the temporal lobe of the brain in the monkey, 70, 447-64; 71, 149, P. (t.o.)
- The termination of ascending tracts in the thalamus of the macaque monkey, 71, 7-40
- Casts of fossil human skulls from Java, and the fragments of the Swanscombe skull, 72, 159-60, P.
- The endocranial cast of the Swanscombe skull, 72, 472, P.
- The cortical connexions of the centre-median nucleus, 72, 623, P.
- The tissues of the body*, 1939. 74, 144-6, rev.
- The nervous and vascular relations of the pineal gland, 74, 471-92; 74, 557, P.
- Observations on the association fibre system of the visual cortex and the central representation of the retina, 75, 225-35
- The laminar organization and cell content of the lateral geniculate body in the monkey, 75, 419-33
- The lateral geniculate body in the platyrrhine monkey, 76, 131-40; demonstration, 76, 229, P.
- The laminar organization and cell content of the lateral geniculate body in the platyrrhine monkey, 76, 225-6, P.
- Cast of skull of *Plesianthropus*, demonstration, 76, 229, P.
- The cells of Meynert in the visual cortex of the monkey, 76, 369-76
- The problem of neuronal regeneration in the central nervous system. I. The influence of spinal ganglia and nerve fragments grafted in the brain, 77, 20-48; II. The insertion of peripheral nerve stumps into the brain, 77, 251-9
- The Meynert cells of the visual cortex, 77, 116, P. (disc. only)
- Note on the palaeontology of the lemuroid brain, 79, 123-6
- An experimental study of the regeneration of mammalian striped muscle, 80, 24-36
- Further observations on the regeneration of muscle tissue, 80, 233, P.
- Practical anatomy*, 1946. 81, 121, rev.
- Observations on the anatomy of the fossil Australopithecinae, 81, 300-33; 81, 381-2, P.
- History of the primates*, 1949. 84, 324, rev.

Author Index

- Clark, W.E. Le Gros (later Sir Wilfrid), The milk canine of the chimpanzee with special reference to that of the Australopithecina, 85, 408, P.
A fossil lemuroid skull from East Africa, 88, 568, P.
The fossil evidence from human evolution. An introduction to the study of paleoanthropology, 1955. 90, 307-8, rev.
The foundations of human evolution, 1959. 95, 141-2, rev.
The antecedents of man, 1960. 95, 141-2, rev.
- , Beattie, J., Riddoch, G. & Dott, N. M., The hypothalamus, 1938. 73, 346-7, rev.
- & Blomfield, L. B., The efficiency of intramuscular anastomoses, with observations on the regeneration of devascularised muscle, 79, 15-32
- & Boggon, R. H., On the connections of the anterior nucleus of the thalamus, 67, 215-26; 68, 131, P. (t.o.)
Connections of the medial nuclei of the thalamus in the cat, 68, 134, P. (t.o.)
Thalamo-cortical connection in macaques, 69, 142-3, P.
- & Buxton, L. H. D., Studies on the growth of the finger-nails, 72, 320-1, P.
- & Leakey, L. S. B. Fossil mammals of Africa. No. 1. The Miocene Hominoidea of East Africa, 1951. 85, 403-5, rev.
- , McKeown, T. & Zuckerman, S., Visual mechanisms in gonadal stimulation, 72, 152-5, P.
- & Meyer, M., Study of the connexions of the olfactory bulb by terminal degeneration, 80, 239, P.
- & Powell, T. P. S., The reactions of the olfactory receptors to lesions of the olfactory bulb, 91, 571, P.
- & Russell, W. Ritchie, Observations on the efferent connexions of the centre median nucleus, 73, 255-62
- & Sunderland, S., Structural changes in the isolated visual cortex, 73, 563-74; 73, 672, P. (disc. only)
- & Thomas, D. P., Early Miocene lemuroids from East Africa, 85, 427, P.
- & Wajda, H. S., The growth and maturation of regenerating muscle fibres, 81, 56-63
- & Warwick, R. T., The pattern of olfactory innervation, 80, 239-40, P.
see also Glees, P.
- Hamilton, W. J. editor
- Clarke, Astley, V. & Douglas, J. Sholto C., Some cardiographic tracings from the base of the human heart, 37, 41-5
- Clarke, H. see Lewis, B.
- Clarke, J. A., X-ray microscopic observations on the mineral content of normal and otosclerotic stapes, 97, 473-4, P.
An X-ray microscopic investigation of the vasa vasorum of the human ascending aorta, 97, 630-1, P.
An X-ray microscopic study of the vasa vasorum of normal human coronary arteries, 98, 539-43; 98, 288, P.
An X-ray microscopic study of the vasa vasorum of the human pulmonary trunk, 98, 473, P.
An X-ray microscopic study of the vasa vasorum of the ductus arteriosus, 99, 199, P.
An X-ray microscopic study of the vasa vasorum of the human ductus arteriosus, 99, 527-37
An X-ray microscopic study of the postnatal development of the vasa vasorum in the human aorta, 99, 877-89
- Clarke, J. F., A rare form of transversus nuchae, 23, xxiv, P.
- Clarke, J. J., Heart with abnormal pulmonary valve, 24, viii, P.
Some observations on the temporal bone chiefly in childhood, 27, 411-14; 27, xxxiv, P.
- Clarke, J. Wilson, Embryonic tissue homografts in rats, 94, 578-9, P.
- Clarke, Lockhart, on intimate structure of the brain [medulla] 3, 199, rep.
on minute structure of cerebral convolutions, 3, 450, rep.
on the medulla oblongata, 3, 451, rep.
on physiology of ear cough, 4, 324, rep.
- Clarke, W. B., see Jackson, W. H.
- Clarkson, G. A. & Collard, F. S., Abnormal position of Meckel's diverticulum, 26, 444
- Clarkson, R. D., & Rainy, H., An unusual arrangement of the psoas muscle, 23, 504-6
- Classarede, on the reproduction of *Aphides*, 1, 368, abs.
- Claudius, on the organ of hearing of *Rhytina Stelleri* (sea cow) 3, 204, rep.
- Claus, on effects of toxic doses of veratria, 8, 228, rep.
- Clauss, L., Monopodia, 31, 456, rep.
- Clay, R. Hogarth, An intra-thoracic lymphoid tumour, 13, 498-501
- Claypole, on comparative history of the digestive tract, 33, 682
- Clayton-Greene, Specimens of arteries after ligation for aneurysm, also an intraosseous (humerus) artery as large as a radial, 44, 1, P. (dem.)
- Clegg, E. J., The arterial supply of the human prostate and seminal vesicles, 87, 455-6, P.
The arterial supply of the human prostate and seminal vesicles, 89, 209-16; 90, 580-1, P.
The musculature of the human prostatic urethra, 91, 345-51; 91, 573, P.
Postnatal changes in the histology of the coagulating gland in the rat, 92, 674, P.
Postnatal changes in the histology of the seminal vesicle and coagulating gland in the rat, 93, 361-7
Changes in the Leydig cell populations of unilaterally cryptorchid rats, 97, 644, P.
Compensatory changes in the scrotal testes of unilaterally cryptorchid rats, 99, 417, P.
Pubertal growth in the Leydig cells and accessory reproductive organs of the rat, 100, 369-79
- & Carr, I., Increased vascular permeability in the reproductive organs of cadmium chloride-treated male rats, 100, 696-7, P.
- & Macmillan, E. W., Observations on the uptake of trypan blue by the seminiferous tubules of the rat testis, 95, 615, P.
The uptake of vital dyes and particulate matter by the Sertoli cells of the rat testis, 99, 219-29
The uptake and storage of particulate matter by the interstitial cells of the rat testis, 99, 204, P.
see also Carr, I. & Meek, G. A.
- Macmillan, E. W.
- Cleland, J., On the actions of muscles passing over more than one joint, 1, 85-93
On the Hutchinsonian theory of the action of the intercostal muscles, 1867. 1, 209-16
On an abnormal arrangement of the peritoneum, with remarks on the development of the mesocolon, 2, 201-6
On the epithelium of the cornea of the ox, 2, 361-365
On the question whether the Eustachian tube is opened or closed in swallowing, 3, 97-103
On variations of the human skull, 4, 151, rep.
The peritoneum of the human subject illustrated by that of the wombat, 4, 197-9

Author Index

- Cleland, J.**, Cause of the supernumerary lobe of the right lung, 4, 200
on structure of grey matter of cerebral convolutions, 4, 303, *rep.*
The physical relations of consciousness and the seat of sensation. A theory proposed, 5, 102-113
on variations of the human skull, 5, 192, *rep.*
Ligamentous action of the trapezius muscle pathologically illustrated 5, 319-21
A case of epispadias, with remarks, 5, 321-3
On double-bodied monsters, and the development of the tongue, 8, 250-60
Animal physiology: the structure and functions of the human body 1874. 8, 384, *rev.*
On development of the brain in chick, 10, 457-8, *rep.*
Description of a Sulu skull, and suggestions for conducting craniological researches, 11, 664-73
Note on the effect of heat on the heart's action in the chick embryo, 11, 754
On the brain in cyclopians, 12, 518-25
On the cutaneous ligaments on the phalanges, 12, 526-7
Remarkable double monstrosity of the head, 13, 164-72
On the element of symbolic correlation in expression, 13, 481-97
Note on Dr. Allen's paper on varieties of atlas and homologies of transverse processes, 14, 27-8
The relation of brain to mind, 16, 491-2, *phys. not.*
Contribution to the study of spina bifida, encephalocele, and anencephalus, 17, 257-92
Notes on raising the arm, 18, 275-8
Notes on the viscera of the porpoise (*Phocoena communis*) and white-beaked dolphin (*Delphinus albirostris*) 18, 327-34
Terminal forms of life, 18, 345-62
On fibro-plates and intervertebral discs, 24, 373-8; 24, xiii, P.
on comparative anatomy of the ankle, 27, viii, P.
Duplicity of cervix uteri in *Trichecus* and *Otaria*, 34, 159-62
—, Mackay, J. Yule & Young, R. B., *Memoirs and memoranda on anatomy*, 1889. 24, 613, *rev.*
see also Chiene, J.
Cleland, K. W., The preparation and properties of heart muscle sarcosomes, 87, 436-7. P.
The collagen component in the Haversian system in the horse metacarpal, 97, 489, *P.A.S.A.N.Z.*
The size of rat cell nuclei, 97, 491, *P.A.S.A.N.Z.*
The two wave-length method of microspectrophotometry, 98, 483-4, *P.A.S.A.N.Z.*
Deoxyribonucleic acid constancy in nuclei, 98, 484, *P.A.S.A.N.Z.*
History of the centrioles in bandicoot (*Perameles*) spermiogenesis, 98, 487, *P.A.S.A.N.Z.*
The dimensions of cell membranes, 99, 947-8, *P.A.S.A.N.Z.*
The electron microscopic structure of the dasyroid sperm, 99, 953-54, *P.A.S.A.N.Z.*
The individuality of plasma membranes, 100, 935, *P.A.S.A.N.Z.*
— & Rae, C. A., DNA content and volume of bandicoot epididymal duct nuclei, 97, 492-3, *P.A.S.A.N.Z.*
see also Sapsford, C. S. & Rae, C. A.
Clemens, H. J., *Die Venensysteme der Menschlichen Wirbelsäule*, 1960. 96, 302, *rev.*
Clemens, P., *Die Aeusseren Kiemen der Wirbeltiere*, 1894. 29, 334, *rev.*
Clinical Society of London, *see* London
Clivio, Absence of right leg and other congenital abnormalities, 35, 507-8, *rep.*
Clogg, Several cases of congenital intestinal atresia, 39, 506-7, *rep.*
Clopatt & Hallsten, on monsters (catalogue of Monstrosities, University of Helsingfors) 28, 373, *rep.*
Clowes, R. C., editor, *British medical Bulletin*, vol. 21, no. 3: *Recent research in molecular biology*, 100, 675, *rev.*
Coady, B. K., *see* Mainland, D.
Coakley, J. B. & King, T. Summerfield, Cardiac muscle relation of the coronary sinus, the oblique vein of the left atrium and the left precaval vein in mammals, 93, 30-5
see also King, T. S.
Coates, A. E., Observations on the distribution of the arterial branches of the peripheral nerves, 66, 499-507
A note on the superior petrosal sinus and its relation to the sensory root of the trigeminal nerve, 68, 428, *anat. not.*
see also Hurley, L. E.
Coats, A. case of oxycephaly, 44, 100, *rep.*
Coats, J., effect of stimulation of vagus on isolated frog heart, 4, 324-5, *rep.*
A case of hemiplegia from an injury involving loss of brain substance in the motor region of the convolutions, 13, 104-8
—, Ramsay, W. & McKendrick, J. G., On the effects of chloroform, ethidene and ether on blood-pressure, 13, 387-96,
Cobb, S., *see* Morrison, L. R. & Bauer, W.
Cobb, W. M., The ossa suprasternalia in whites and American Negroes and the form of the superior border of the manubrium sterni, 71, 245-91
Cobbold, T. S., *Tapeworms; their sources, nature, and treatment*, 1866. 1, 145, *rev.*
on *Distomum clavatum* found in stomach of *Xiphias gladius*, 2, 406, *rep.*
Cochrane, W., Davies, D. V., Palfrey, A. J. & Stockwell, R. A., The histochemistry and electron microscopy of Brunner's glands in the guinea-pig, 98, 1-10
— & Palfrey, A. J., Electron microscopy of articular cartilage in the young adult rabbit, 96, 421, P.
see also Davies D. V. & Stockwell, R. A.
Cockayne, E. A., A specimen showing accessory lungs and congenital diaphragmatic hernia in a premature female infant, 51, 8-9, P.
An unusual form of brachyphalangy and syndactyly, with double proximal phalanx in the middle fingers, 67, 165-7
The inherited abnormalities of the skin and its appendages, 1933. 67, 624-5, *rev.*
— & Gladstone, R. J., A case of accessory lungs associated with hernia through a congenital defect of the diaphragm, 52, 64-96
Cocker, R. & Hatton, Jean M., A note on the innervation of human dentine, 89, 189-92
Coen, B., A communication as to the causation of large grooves found on the inner aspect of the os parietale, 48, 293-8
Coërs, C. & Woolf, A. L., The innervation of muscle, a biopsy study, 1959. 94, 445, *rev.*
see also de Harven, E.
Coghill, G. E., *Anatomy and the problem of behaviour*, 1929. 64, 104-5, *rev.*
Cohen, A. I., Some electron microscopic observations on inter-receptor contacts in the human and macaque retinae, 99, 595-610
Cohen, H. & Davies, Sarah, The development of the cerebrospinal fluid spaces and choroid plexuses in the chick, 72, 23-53

Author Index

- Cohen, H. & Davies, Sarah, The morphology and permeability of the roof of the fourth ventricle in some mammalian embryos, 72, 430-55
 A specific factor in extracts of the choroid plexus influencing the permeability of the myelencephalic roof, 73, 525-39
- Cohn, Cases of malformation of the arm, 44, 106, *rep.*
- Cohnheim & K  llicker, on the use of chloride of gold stain, 1, 369, *abs.*
- Cohnheim, J., on sensitive nerves of the cornea, 2, 170, *rep.*
- Cohnstein, on physiology of the menopause, 9, 241, *rep.*
- Cokkinis, A. J., The collateral circulation in the territory of the mesenteric vessels, 63, 162, *P.*
 Observations on the mesenteric circulation, 64, 200-5
- Cole, Hermaphroditism in *Rana temporaria*, 30, 462, *rep.*
- Cole, A. S. & Scott, P. P., Histological changes in the liver of the adult rat in tryptophan deficiency, 85, 420, *P.*
- Cole, F. J., On the structure and morphology of the intromittent sac of the male guinea-pig, 32, 141-52
 The vascular system of *Myxine*, 59, 112, *S.P.*
- Cole, P., Respiratory air conditioning and thermoregulation, 88, 575, *P.*
- Cole, S. J., On some morphological aspects of microcephalic idiocy, 44, 315-44
 Remarks on some points in the fissuration of the cerebrum (illustrated by three Chinese brains) 46, 54-68
 Fissural pattern in four Asiatic brains, 54, 311-23
- Coleman, J. C., The trophoblastic cell-islands of the human placenta, 94, 448, *rev.*
- Coleman, J. J. & M'Kendrick, J. G., An account of some recent experiments on the effects of very low temperatures on the putrefactive process, and on some vital phenomena, 19, 335-44
- Coles, G. C., on congenital defects of upper limbs, one case, 4, 306, *rep.*
- Colin, on the rhythmical movements of the vena cava, 9, 222, *rep.*
 on the functions of the auricles of the heart, 9, 222, *rep.*
- Collard, F. S., *see* Clarkson, G. A.
- Collier, M., The functions of the sinuses of Valsalva and auricular appendices, with some remarks on the mechanism of the heart and pulse, 22, xiii, *P.*
 Glosso-epiglottidian ligaments, 23, xvii-xviii, *P.*
- Collin, *see* Haushalter
- Collinge, W. E., Note on a tumour in *Anodonta cygnaea*, Linn., 25, 154
 On the unsymmetrical distribution of the cranial nerves of fishes, 29, 352-4
 On the presence of scales in the integument of *Polyodon folium*, 29, 485-7
 On the absence of the male reproductive organs in two hermaphrodite molluscs, 27, 237-8
 Some abnormal developments in the vascular system of the frog (*Rana temporaria*), 50, 37-42
- Collins & Parsons, Eye abnormalities in the chick, 38, 366, *rep.*
- Collins, A. W., On a second bursa connected with the insertion of the biceps, and on some rare abnormalities, 20, 30-3
- Collins, E. W., on accessory lobe of the right lung (azygos) 8, 388, *rep.*
- Collins, J., showed an abnormal aortic arch, 22, vi, *P.*
- Collins, T. & Rolston, J. R., On microphthalmic eyes, 32, 788, *rep.*
- Collister, R. M., Anophthalmia and the optic system in the chick embryo, 91, 568, *P.*
- Collman, B., Achondroplasia, 36, 299, *rep.*
- Colman, W. S., Notes on the minute structure of the spinal cord of a human foetus, 18, 436-41
- Colonnier, M., Patterns of dendrites and axons in the visual cortex of the cat, 97, 152, *P.*
 Experimental degeneration in the cerebral cortex, 98, 47-53
 The tangential organization of the visual cortex, 98, 327-44
- Colquhoun, W., Some experiments on bone, with methods of demonstrating the canaliculi, 34, 84-9
 A method of demonstrating tracings to large audiences, 38, 293-4
- Coltart, W. D., *see* Burrows, H. Jackson
- Colwell, H. A., Case showing abnormal epiphyses of metatarsals and first metacarpals, 62, 183
- , Gladstone, R. J. & Wakeley, C. P. G., The action of repeated doses of X-rays upon the developing chick embryo, 57, 1-11
 Action of X-rays upon the developing chick embryo, series II & III, 60, 207-28
 — & Russ, Sidney, Radium, X-rays and the living cell: with *Physical introduction*, 2nd ed., 1924. 59, 448, *rev.*
 — Thomson, M. S. & Wakeley, C. G. P., The effects of X-rays upon the skin of the frog tadpole, 58, 21-36
see also Gladstone, R. J.
- Colyer, Sir Frank, Four lectures on 'Abnormal conditions of the teeth of animals in their relationship to similar conditions in man'. 1931. 66, 274-5, *rev.*
- Comfort, A., The biology of senescence, 1956. 91, 147-8, *rev.*
- Comit   International des Recherches des Parties Molles (parties non osseuses) (Keith) 64, 99-103
- Committee of Collective Investigation, *see* Anatomical Society of Great Britain and Ireland
- Committee on Anatomical Nomenclature report, 33, ix-xv, *P.*
- Compton, A. T., The intrinsic anatomy of the large nerve trunks of limbs, 51, 103-17; 51, 11-12, *P.* (June 1916)
 A case of partial situs inversus, 66, 153, *P.*
- Comroe, J. H., Forster, R. E., Dubois, A. B., Briscoe, W. A. & Carlsen, E., The lung: clinical physiology and pulmonary function tests, 1955. 90, 157-8, *rev.*
- Condon, de V., Thoracopagus, 35, 501, *rep.*
- Conel, J. Le Roy, The post-natal development of the human cerebral cortex. Vol. 1. The cortex of the newborn, 1939. 73, 674, *rev.*
 The postnatal development of the human cerebral cortex. Vol. vii, The cortex of the four-year child. 1963. 98, 283, *rev.*
- Conklin, Causes of the inversion of symmetry, 38, 362-3, *P.*
- Connolly, C. J., External morphology of the primate brain, 1949. 85, 213, *rev.*
- Constant, *see* Rabuteau
- Constantin-Daniel, A case of diaphragmatic hernia, 36, 304, *rep.*
 A case of bilateral absence of the radius, 37, 309, *rep.*
- Cook, E. A., Note on logwood staining solution, 14, 140-2
- Cook, R. P., *see* MacDougall, J. D. B. & Biswas, S.
- Cooke, A case of complete transposition of the viscera, 37, 300, *rep.*
- Cooke, G. H., The action of various stimuli on non-striated muscle, 24, 195-209

Author Index

- Coombs**, on a case of congenital hypotonia, 43, 125, *rep.*
- Cooper, A. R.**, *see* Kampmeier, O. F., & Jones, T. S.
- Cooper, C. D.**, Skull of an Aboriginal Australian, 26, xxiii-xxiv, *P.*
- Cooper, C. M.**, A pericardial sac in which the large azygos vein pierced the sac before opening into the superior vena cava, 34, 426
- Cooper, D. M.**, A vermiform appendix in a macaque monkey, 71, 141, *P.*
- Cooper, Eugenia, R. A.**, *The histology of the more important human endocrine organs at various ages*, 1925. 62, 518, *rev.*
- Demonstration of histological sections, 63, 176, *P.*
- The histology of the retained testis in the human subject at different ages, and its comparison with the scrotal testis, 64, 5-27
- Development of the pineal gland and its relation to pineal cysts, 66, 142, *P.*
- The human pineal gland and pineal cysts, 67, 28-46
- Human histology, a guide for medical students*, 1939. 74, 411, *rev.*
- An anatomical study of hydrocephalus*, *Acta anatomica*, Supp. 48, 1963. 98, 277, *rev.*
- & **Howarth, F.**, Reinvestigation of Weed's evidence for the route of drainage of the cerebrospinal fluid, 88, 570, *P.*
- Arachnoid granulations in man, 92, 634, *P.*
- & **Torr, J. B. D.**, Radiological examination of the vertebral and cranial venous sinuses in the monkey, 93, 562, *P.*
- see also* Howarth, F.
- Torr, J. B. D.**
- Cope, E. M.**, On the psychology of the Greeks, 1, 185, *abs.*
- Cope, M.**, *see* Barker, D.
- Cope, V. Zachary** (later **Sir Zachary**), The internal structure of the sphenoidal sinus, 51, 127-36; 51, 7, *P.* (June 1916)
- Fusion lines of bones, 55, 36-7
- Clinical researches in acute abdominal disease*, 2nd ed., 1927. 62, 363, *rev.*
- Corbett, R. S.**, True diverticula of the urinary bladder, 59, 105-7, *S.P.*
- Corby**, A case of hermaphroditism, 40, 294, *rep.*
- Cordes, L.**, A case of congenital occlusion of the duodenum, 36, 305, *rep.*
- Cordingley, J. L.**, *see* Nicol, T.
- Cormac, Lilwall**, *see* Lilwall-Cormac
- Corner, E. M.**, On the temporal fossa, 30, 377-85; 30, ix, *P.*
- Some structures in the elbow joint, 30, 369-76; 30, viii, ix, *P.*
- The processes of the occipital and mastoid regions of the skull, 30, 386-9; 30, viii, *P.*
- On some skulls from Ceylon, 32, 754-64
- Notes on the origin and development of the triangular fibro-cartilage of the wrist, 32, xxx-xxxi, *P.*
- The morphology of the triangular cartilage of the wrist, 32, 272-7; xxx-i, *P.*
- on relations of the ureter, 34, xxvi-ii, *P.* February 1900
- The varieties and structure of the patella of man, 34, xxvii-xxviii, *P.* February 1900.
- A supra-patellar ossicle, 35, 122, *abs. anat. not.*
- An anencephalous and acardiac monster, 35, iii, *P.*
- Acardiac monster caused by foetal adhesion to a placenta succenturiata, 36, 81-92
- The physiology of the lateral atlanto-axial joints, 41, 149-54
- On the physiology of the crucial ligaments and semilunar cartilages of the knee-joint, with a suggestion of the origin of some instances of haemarthrus and loose bodies, 49, 429-33
- Corner, G. W.**, The oestrous cycle, 59, 92, *S.P.*
- Anatomist at large*, 1958. 93, 140, *rev.*
- Cornet**, on a case of congenital absence of the auricle, 43, 119, *rep.*
- Cornil**, On a young man with two testicles, epididymes, uterus and two tubes, 43, 121, *rep.*
- & **Brossard**, A case of pseudohermaphroditism, 44, 102, *rep.*
- see also* Ranvier
- Cornillon & Bretet**, on action of alkalis on diastatic action of saliva and pancreatic juice, 11, 559, *rep.*
- Coronado**, A case of hemi-ectromelic foetus, 34, 411, *rep.*
- Corrado**, Diaphragmatic hernia, 39, 506, *rep.*
- Corson, E. R.**, An X-ray study of the normal movements of the carpal bones and wrist, 33, ix, *P.* (1.0.)
- Corsy**, On complete congenital absence of tail in *Mus rattus*, 44, 105, *rep.*
- Cory, R.**, Effects of vaccination, and subsequent amputation of supernumerary fingers, 21, 505-9
- Cosentino, R.**, *Atlas of anatomy and surgical approaches in orthopaedic surgery*, vols. 1 & 2, 1960. 96, 304, *rev.*
- Cosmettatos**, on the development of the lacrymal passages, 33, 684 (*ref. only*)
- Three cases of microphthalmus, 44, 99, *rep.*
- Cossel, L.**, *Die Menschliche Leber im Elektronenmikroskop. Untersuchungen an Leberpunktaten*, 1964. 100, 206, *rev.*
- Cossy, A. & Déjérine, J.**, on degeneration of nerves, 10, 633, *rep.*
- Costa**, On glands of Brunner and Lieberkühn, 8, 205, *rep.*
- Coughtrey**, On tracheal pouch of emu, 8, 177, *rep.*
- Coulliaux**, On anatomy, physiology and pathology of the dental pulp, 33, 679 (*ref. only*)
- Coupon, F.**, *see* Anthony, R.
- Coupland, R. E.**, The prenatal development of the abdominal para-aortic bodies in man, 86, 357-72; 86, 473-4, *P.*
- Observations on the adrenaline and noradrenaline content of foetal adrenal glands and para-aortic bodies, 86, 498, *P.*
- Observations on the morphology and adrenaline-noradrenaline content of the abdominal chromaffin tissues, 87, 441, *P.*
- Observation on the chromaffin reaction, 88, 142-51; 87, 444, *P.*
- Post-natal fate of the abdominal para-aortic bodies in man, 88, 455-64; 87, 452-3, *P.*
- Cortical zonation and survival of chromaffin cells in adrenal autografts, 89, 561, *P.*
- The development and fate of the abnormal chromaffin tissue in the rabbit, 90, 527-37
- The effect of alloxan and partial pancreatectomy on pancreatic grafts, 91, 581, *P.*
- The post-natal fate of the abdominal extra-adrenal chromaffin tissue in rodents, 90, 597-8, *P.*
- The distribution of cholinesterase in the pancreas of the rat, cat and rabbit, 91, 597, *P.*
- Adrenal medullary grafts in the rat. Factors affecting the formation and release of pressor amines in grafted chromaffin cells, 91, 616, *P.*
- The innervation of the pancreas of the rat, cat and rabbit as revealed by the cholinesterase technique, 92, 143-9

Author Index

- Coupland, R. E., The post-natal distribution of the abdominal chromaffin tissue in the guinea-pig, mouse and white rat, 94, 244-56
- The distribution of cholinesterase-positive nerve fibres in the human uterus, 94, 289, P.
- The innervation of the rat adrenal medulla. An electron microscope study, 97, 141-2, P.
- Electron microscope observations on the structure of the rat adrenal medulla. I. The ultrastructure and organization of chromaffin cells in the normal adrenal medulla, 99, 231-54; II. Normal innervation, 99, 255-72
- The natural history of the chromaffin cell, 1965. 100, 205, rev.
- & Heath, I. D., Chromaffin mast cells in ungulates, 95, 283-4, P.
- & Holmes, R. L., The distribution of cholinesterase in the adrenal glands of the cat, rat and rabbit, 91, 597, P.
- Auerbach's plexus in the rabbit, 92, 651, P.
- & Hopwood, D., On adrenaline and noradrenaline-storing granules in chromaffin cells—an electron microscopic study, 99, 191-2, P.
- The mechanism of the differential staining reaction for adrenaline- and noradrenaline-storing granules in tissues fixed in glutaraldehyde, 100, 227-43
- & MacDougall, J. D. B., Structural alterations in liver cells during organ culture in hyperbaric oxygen, 100, 424, P.
- see also Hopwood, D. & Coupland, R. E.
- MacDougall, J. D. B. & Myles, W. S. Pyper, A. S.
- Weakley, B. S. & Coupland, R. E.
- Coupland, S., Note on an example of Meckel's diverticulum, 10, 617-18
- Courtice, F. C., see Yoffey, J. M.
- Courvoisier, G., on spinal ganglia, 3, 199, rep.
- Cousin, on fascial relations of the omohyoid muscle, 33, 351 (ref. only)
- Coutts, H. D., see Boyd, J. D. & MacDougall, J. D. B.
- Cowan & Ferguson, Five cases of congenital heart defects, 38, 367, rep.
- Cowan, W. M., Adamson, L. & Powell, T. P. S., An experimental study of the avian visual system, 95, 545-63; 95, 451, P.
- , Guillery, R. W. & Powell, T. P. S., The origin of the mamillary peduncle and other hypothalamic connexions from the midbrain, 98, 345-63
- & Powell, T. P. S., The projection of the midline and intralaminar nuclei of the thalamus of the rabbit, 89, 574, P.
- A note on terminal degeneration in the hypothalamus, 90, 188-92; 90, 566, P.
- Centrifugal fibres to the retina in the pigeon, 97, 301-2, P.
- & Guillery, R. W., A quantitative study of the fornix-mammillothalamic system of connexions, 90, 590-1, P.
- see also Carman, J. B., & Powell, T. P. S.
- Carman, J. B., Powell, T. P. S. and Cowan, W. M.
- Matthews, Margaret R. & Powell, T. P. S.
- McGill, J. I., Powell, T. P. S. and Cowan, W. M.
- Powell, T. P. S.
- Powell, T. P. S. & Guillery, R. W.
- Powell, T. P. S., Cowan, W. M. and Raisman, G.
- Raisman G. & Powell, T. P. S.
- Cowdry's *Problems of ageing: biological and medical aspects* (edited by Lansing) 3rd ed. 1952. 87, 214-15, rev.
- Cowie, A. T., see Kon, S. K.
- Cowper, J., On the pentadactylous pes in the Dorking fowl, a variety of the *Gallus domesticus*, with especial reference to the hallux, 20, 593-5
- On hexadactylism, with especial reference to the significance of its occurrence in a variety of the *Gallus domesticus*, 23, 242-8
- Cox, see Eigenmann
- Coÿne, P., on anatomy of laryngeal mucous membrane, 9, 396-7, rep.
- Coyon, Abnormal hearts, 32, 791, rep.
- Crabb, H. S. M. & Darling, A. I., The pattern of progressive mineralisation in human dental enamel, 1962. 96, 541, rev.
- Craciun, E., Epithelial movements in tissue cultures and stereotropism, 61, 492, P.
- Cragg, B. G., Afferent connexions of the allocortex, 99, 339-57
- , Evans, D. H. L. & Hamlyn, L. H., The optic tectum of *Gallus domesticus*: a correlation of the electrical responses with the histological structure, 88, 292-306
- & Hamlyn, L. H., A histological study of some commissural and septal connexions of the hippocampus in the rabbit, 90, 591; An electrical study of some of the commissural and septal connexions of the hippocampus in the rabbit, 90, 591, P.
- Craggs, E. C. B. Hall, An osteometric study of the hind limb of the Galagidae, 99, 119-26
- Muscle tension relationships in *Galago senegalensis*, 100, 699-700, P. (dem.)
- Craig, W., Rectum opening into the membranous part of the male urethra, 18, 341-3, anat. not.
- Craig, Wm., & Symington, J., Notes of a rare congenital malformation of the leg, 12, 419-26
- Craigie, E. H., The cerebral hemispheres of the kiwi and of the emu (*Apteryx* and *Dromiceius*) 69, 380-93
- revisor & editor, *Practical anatomy of the rabbit* (Bensley) 1938. 73, 503, rev.
- The capillary bed of the central nervous system in a member of a second genus of Gymnophiona—*Siphonops*, 76, 56-64
- Vascularization in the brains of reptiles. IV. Quantitative studies in the American alligator, 76, 347-55
- Craigmyle, M. B. L., Studies of cartilage autografts and homografts in rabbits, 88, 580, P.
- Changes in regional lymph nodes induced by homo- and heterografts of cartilage in rabbits, 89, 576, P.
- The relationship between the antigens of cartilage and skin in the rabbit, 91, 581, P.
- Further observations on the fate of cartilage grafts in the rabbit, with particular references to the uptake of labelled sulphate by long term auto-, homo- and heterografts, 91, 615, P.
- Regional lymph-node changes induced by cartilage homo- and heterografts, in the rabbit, 92, 74-83
- An autoradiographic and histochemical study of long-term cartilage grafts in the rabbit, 92, 467-72
- Boiled foreign cartilage grafts in relation to transplanting immunity, 92, 661, P.
- The ultrastructure of the developing thymus, 99, 202-3, P.
- The ultrastructure of the mouse thymus, 99, 936-7, P.
- & Williams, T. H., Cholinesterase activity in the wall of the small intestine with particular reference to the mucosa, 97, 156, P.
- Cramer, F., on development of the egg, 3, 458, rep.
- Crampe, H., on length of intestine in different animals, 8, 175, rep.

Author Index

- Cranke**, *see* Rankin, Mackay & Lunn,
Cranstoun Charles, T., *see* Charles, T. Cranstoun
Craven, J. L. & James, D. W., The influence of beta-amino proprio nitrile on wound contraction, 97, 303, P.
Craven Moore, F., *see* Moore, F. Craven
Crawford, D. G., A case of ectrodactyly, 32, 794, *rep.*
Crawford, Douglas-, *see* Douglas-Crawford
Crawford, G. N. C., The evolution of the Haversian pattern in bone, 74, 284-99
 Experiments on the longitudinal growth of tendons in rabbits, 84, 68, P.
 Experiments on the longitudinal growth of muscles in rabbits, 87, 436, P.
— & Barer, R., The action of fixatives on living cells as studied by phase-contrast microscopy, 83, 73, P.
—, Edwards, R. G. & Alder, A. B., The effect of limitation of movement on longitudinal muscle growth, 93, 568, P.
see also Elliott, D. H.
 Pirie, A. & Bembridge, B. A.
Crawford, J., *see* Berry, R. J. A.,
Crawford, J. M., *see* Bacsich, P.
Creed, R. F. S. & Biggers, J. D., Some aspects of placental structure in the raccoon (*Procyon lotor*, L.), 97, 475, P.
— & Harrison, R. J., Preliminary observations on the ultrastructure of the raccoon (*Procyon lotor*) placenta, 99, 933, P.
Creighton, C., On the development of the mamma and of the mammary function, 11, 1-32
 On a pathological function of periosteum, 12, 369-83
 On the formation of the placenta in the guinea-pig, 12, 534-590
 A theory of the homology of the supra-renals based on observations, 13, 51-82
Contributions to the physiology and pathology of the breast and its lymphatic glands, 1878. 13, 118-21, *rev.*
 Further observations on the formation of the placenta in the guinea-pig, 13, 173-82
 On the physiological type of the giant-cells of tubercles and granulations, 13, 183-94
 Abstracts of pathological papers: evidence for the unity of phthisis, 13, 414-23
 On the infection of the connective tissue in scirrhus cancers of the breast, 14, 29-49
 Illustrations of the pathology of sarcoma, from cases of subcutaneous cystic tumours, 14, 292-328
 An infective form of tuberculosis in man identical with bovine tuberculosis, 15, 1-59; 15, 177-216
 A system of perivascular lymphatic cylinders and capsules in the united amnion-allantois of the chick: morphology and use, 33, 527-45
Creite, on the action of serum albumin after injection into blood, 4, 321, *rep.*
Crémazy, A., Polydactyly, 32, 794, *rep.*
Crerar, J. W., Note on the absence of the subclavus muscle, 26, 554
Crevel, H. van, & Verhaart, W. J. C., The rate of secondary degeneration in the central nervous system, I. The pyramidal tract of the cat, 97, 429-49; II. The optic nerve of the cat, 97, 451-64
 The 'exact' origin of the pyramidal tract. A quantitative study in the cat, 97, 495-515
Crew, F. A. E., Sexual dimorphism in *Rana temporaria*, as exhibited in rigor mortis, 54, 217-21
 A suggestion as to the cause of the aspermatic condition of the imperfectly descended testis, 56, 98-106
 Paired oviducts in the fowl, 66, 100-3
Crews, S. J., The experimental demonstration of zonolysis by Alphachymotrypsin *in vitro*, 94, 287, P.
Crichlow, T. V. L., *see* Negus, V.
Crispin, A case of gynecomastia, 39, 505, *rep.*
 Pseudohermaphroditism, 44, 102, *rep.*
Cristiani, H., on congenital neoplasms, 26, 431, *rep.*
Critchley, M., The superior cerebellar artery, 67, 206-7, P.
Crock, H. V., The arterial supply and venous drainage of the vertebral column of the dog, 94, 88-99
 A revision of the anatomy of the arteries supplying the upper end of the human femur, 99, 77-88
 Studies of the subchondral circulation in the limb bones of man, 99, 945, P.A.S.A.N.Z.
Crombie, on the daily range of temperature in India, 9, 444, *rep.*
Crombie, J. M., On the membrana tympani, 17, 523-36
Crompton, A. W. & Bellairs, A. d'A., The ictosaurs: a link between reptiles and mammals, 90, 571-2, P.
Crook, E. M., *see* Low, M. C.
Crouzat, An account of a living pair of xiphopagous twins, 36, 301, *rep.*
Crymble, Specimen of persistent vitelline duct attached to the vermiform appendix, 59, 5, S.P.
Crymble, P. T., Gastro-pancreatic folds: their relations to the movements of the stomach and to the subdivisions of the lesser sac, 47, 207-24
 Some factors influencing the position of the small intestine, 49, 216-35
see also Symington, J.
Csillik, C. S., Functional structure of the postsynaptic membrane in the myoneural junction, 1965. 100, 676, *rev.*
Cullingham, Penelope, J., The influence of heat-stress on the pars nervosa of the mouse, 94, 363-74
Cullingworth, C. J., A note on the anatomy of the hymen and on that of the 'posterior commissure of the vulva', 27, 343-47
Cunissett, on a test for bile in urine, 1, 161, *rep.*
Cunliffe, W. J., The innervation of the thyroid gland, 95, 286, P.
Cunningham, on a specimen of turbot with eyes reverse, 43, 119, *rep.*
Cunningham, D. J., Observations on the distribution of some of the nerves of the head and neck, 7, 94-7
 Notes on the great splanchnic ganglion, 9, 303-5
 Lateral curvature of the spine in conjunction with hypertrophy of the sympathetic nervous system in the lumbar and sacral regions, 9, 306-10
 Notes on the broncho-oesophageal and pleuro-oesophageal muscles, 10, 320-3
 The spinal nervous system of the porpoise and dolphin, 11, 209-228
 Note on a connecting twig between the anterior divisions of the first and second dorsal nerves, 11, 539-40
 The mamillary and accessory processes as persistent epiphyses, 12, 85-90
 Notes on hypertrophy of the sympathetic nervous system, 12, 294-6
 The nerves of the fore-limb of the thylacine (*Thylacinus cynocephalus* or *harrisii*) and cuscus (*Phalangista maculata*) 12, 427-33
 The intrinsic muscles of the hand of the thylacine (*Thylacinus cynocephalus*), cuscus (*Phalangista maculata*) and Phascogale (*Phascogale calura*) 12, 434-44
 The intrinsic muscles of the mammalian foot, 13, 1-16

- Cunningham, D. J.**, Note on the distribution of the anterior tibial nerve on the dorsum of the foot, 13, 398-9
- A large sub-arachnoid cyst involving the greater part of the parietal lobe of the brain, 13, 508-17
- The nerves of the hind-limb of the thylacine (*Thylacinus harrisi* or *cynocephalus*) and cuscus (*Phalangerista maculata*) 15, 265-77
- The relation of nerve-supply to muscle homology, 16, 1-9
- The development of the suspensory ligament of the fetlock in the foetal horse, ox, roe-deer and sambar-deer, 18, 1-12
- The musculus sternalis, 18, 208-10
- The connection of the os odontoideum with the body of the axis vertebra, 20, 238-43
- The neural spines of the cervical vertebrae as a race character, 20, 637-40
- The musculus sternalis, 22, 391-407; discussion, 22, xiv-xv, P.
- Cranio-cerebral topography, 22, xiii-xiv, P.
- Skull topography, 23, xi-xii, P.
- A new method of mounting the spine, 23, xii-xiii, P.
- Centenarian skeleton, 23, xiii, P.
- Demonstration of elbow joint, 23, xxii-xxiii, P.
- The proportion of bone and cartilage in the lumbar section of the vertebral column of the ape and several races of men, 24, 117-26
- The occasional eighth true rib in man and its relation to right-handedness, 24, 127-9
- The intraparietal sulcus of the brain, 24, 135-55; 24, xi, P.
- The complete fissures of the human cerebrum, and their significance in connection with the growth of the hemisphere and the appearance of the occipital lobe, 24, 309-45
- The fissure of Rolando, 25, 1-23
- The value of nerve-supply in the determination of muscular homologies and anomalies, 25, 31-40
- The Sylvian fissure and the island of Reil in the primate brain, 25, 286-91
- The development of the gyri and sulci on the surface of the island of Reil of the human brain, 25, 338-48
- Skeleton of an Irish giant, 25, ix-x, P.
- Demonstration of sulci of insula in human foetal brains, 25, xi, P.
- Delimitation of the regions of the abdomen, 27, 257-74; 27, xviii, P.
- Contribution to the surface anatomy of the cerebral hemispheres*, with a chapter on *cranio-cerebral topography* by V. Horsley, Cunningham memoirs, No. VII, 1892, 27, 288-9, rev.
- Development of cerebral sulci and fissures, 28, ix-x, P.
- Address on assuming office as President of Anatomical Society, 28, ii, P.
- On the form of the spleen and the kidneys, 29, 501-17
- on three skulls from New Guinea and two from the Torres Straits (Island of Mer) 29, xviii, P.
- On the insular district in the cerebrum of the anthropoid ape, 31, i-ii, P.
- Sections through the upper part of the spinal cord and the entire extent of the brain of the orang and chimpanzee, 31, xiii, P.
- discussion on *Pithecanthropus erectus* of Dr. Dubois 29, xviii-xix, P.
- Models and specimens illustrating the form, position and relations of the kidneys, 31, xxxiv, P. (t.o.)
- The Rolandic and calcarine fissures—a study of the growing cortex of the cerebrum, 31, 586-98; 31, xxxix, P. (t.o.)
- Deep connections of cranial nerves (IV, V & VI) in orang and chimpanzee, 31, xl, P. (t.o.)
- Note on Cape hunting dogs (*Lycaon pictus*) 31, xl, P. (t.o.)
- The insular district of the cerebral cortex in man and the man-like apes, 32, 11-22
- The development of the fissure of Rolando and of the calcarine fissure, 32, xviii, P. (t.o.)
- Demonstrations illustrating the position and form of the kidneys, 32, xxi, P.
- An abnormality of the occipital bone, 32, xxxviii, P.
- The intrapontine course of the seventh cranial nerve in man, the orang and the chimpanzee, 32, xl, P.
- The significance of anatomical variations, 33, 1-9
- Variation of peroneal nerve, 33, 353, *anat. not.*
- Anatomical notes and queries, 33, 355-8
- on supra-condyloid process in the child, 33, 357-8, *anat. not.*
- On the varying form of the stomach in man and anthropoids, 39, xlix, P.
- Further observations on the varying form of the stomach, with special reference to hour-glass stomach, 40, ii, P. (t.o.)
- Cunningham's Textbook of anatomy*, edited by A. Robinson, 4th ed. 1913. 57, 390, rev.; 6th ed. 1931. 66, 277-8, rev.; 7th ed. (ed. by J. C. Brash & E. B. Jamieson) 1937. 71, 550, rev.; 9th ed. (ed. by Brash) 1951. 86, 230, rev.; 10th ed. (ed. Romanes) 1964. 99, 400-1, rev.
- Cunningham's Manual of practical anatomy*, vols. 1, II & III, 7th ed. 1920. 54, 332, rev.; 8th ed. revised and edited by A. Robinson, 3 vols, 1927. 62, 244, rev.; in 3 vols. 9th ed. 1935. 70, 185, rev.; 10th ed. revised and edited by J. C. Brash and E. B. Jamieson, 3 vols. 1940. 75, 143-4, rev.; 11th ed. by Brash, vols. 1, 2 & 3, 1948. 83, 386, rev.
- & Browne, C. R., Cephalometry of anatomists attending Summer meeting 1898. 33, lv-lviii, P.
- & Smith T., on brains of 2 microcephalic idiots, 29, ii, P.
- see also Turner, W.
- Cunningham Russel, J.**, see Russel, J. Cunningham
- Cunningham, R. O.**, on *Chionis alba*, 4, 87-9
- on the anatomy of kingfishers, 5, 386, rep.
- on the *Rhea americana*, *Rhea darwini* osteology and anatomy of the steamer duck (*Micropterus cinereus*) 6, 447, rep.
- Curze**, on the action of arsenic, 1, 361, rep.
- Curci**, on the action of anemonin on the animal organism 11, 570 rep.
- Curl, H. & Tromly, R. G.**, The inguinal canal in the foetus and new-born, 78, 148-9
- Curnow, J.**, Notes of some irregularities in muscles and nerves, 7, 304-10
- Two instances of irregular ophthalmic and middle meningeal arteries, 8, 155-6
- Notes of some muscular irregularities, 8, 377-79
- On double aortic arch, 1 case, 10, 450, rep.
- Variations in the arrangement of the extensor muscles of the fore-arm, 10, 595-601
- Right subclavian artery passing in front of the scalenus anticus, 22, v-vi, P.
- Interparietal bone; constricted aorta, 22, xviii, P.
- Asymmetrical skull, 23, i, P.
- on horizontal suture in parietal bone, 27, xii, P.
- Curran, R. C., Clark, A. E., & Lovell, D.**, Acid mucopolysaccharides in electron microscopy. The use of the colloidal iron method, 99, 427-34
- Curran, W.**, The vitality of wild animals under fire, 20, 596-603
- The senses of savages, 21, 558-70

- Currey, J. D.**, Differences in the tensile strength of bone of different histological types, 93, 87-95
Some effects of ageing in human Haversian systems, 98, 69-75
- Currie & Vigier**, on turpentine as an antidote to phosphorus poisoning, 5, 328, *rep.*
- Curschmann**, on the crura cerebelli 3, 208-9, *rep.*
- Curtis**, A congenital post-anal tumour, 38, 370, *rep.*
- Curtis, F. R.** *see* Vincent, S.
- Cushing, H.**, Thoracic duct surgery and lymphatic and lacteal anastomoses, 33, 355, *anat. not.*
- Cusick, E. T.**, *see* Barnett, C. H. & Stockwell, R. A.
- Custor, J.**, on relative size of intestinal canal [digestive tube] 9, 204, *rep.*
- Cutore**, Anencephaly, 37, 302, *rep.*
A case of complete craniorachischisis, 38, 362, P.
Case of supernumerary breast, 38, 367, *rep.*
on a case of perobranchius achirus, 42, 139, *rep.*
- Cutore, G.**, Experiments in varnishing egg shell, 35, 497, *rep.*
Multiple canals in spinal cord in chick embryo, 34, 416, *rep.*
Histology of spinal cord of chick, 35, 500, *rep.*
Epispadias, 35, 504, *rep.*
- Cyon**, on inhibition and excitation in the vasomotor centres, 6, 231, *rep.*
on influence of posterior nerve root on the activity of anterior, 8, 399, *rep.*
on doctrine of reflex stimulation of the vaso-motor nerves, 8, 403, *rep.*
- & **Aladoff**, on cause of diabetes, in relation to damage to sympathetic nerves and hepatic blood supply, 6, 476-7, *rep.*
- & **Ludwig**, on a vasodilator branch of vagus in rabbit, 2, 190-1, *rep.*
- & **Steinman**, on rate of blood-flow of venous circulation, 6, 232-3, *rep.*
- Cyon, E.**, on the influences of carbonic acid [carbon dioxide] and oxygen on cardiac action, 2, 183, *rep.*
on cardiac accelerator nerves in rabbit and dog, 2, 191, *rep.*
on influence of posterior root of a spinal nerve on the irritability of anterior 2, 412-413, *rep.*
on formation of urea in liver 5, 408, *rep.*
Methodik der physiologischen Experimente und Vivisectionen, 1876. 10, 794-6, *rev.*
- & **Cyon, M.**, on innervation of the heart from spinal cord 2, 410-11, *rep.*
- Cyon, M.**, on cardiac accelerator nerves in rabbit and dog, 2, 191, *rep.*
see also Steinmann
- Cyriax, E. F.**, Some new facts in the anatomy of certain movements, 51, 396-9
On certain absolute and relative measurements of human vertebrae, 54, 305-8
On certain normal irregularities in the vertebral column in its lower dorsal area, 56, 147-8
On maximum arm stretching, 57, 382-4; On 'excentric' contraction of muscles, 57, 385-8
On the rotary movements of the wrist, 60, 199-201
Some remarks on the action of the sacrolumbalis during standing, 67, 178-9, *anat. not.*
- Czermak**, on reflexes of the nervous system, 1, 156-7, *rep.*
on respiration in birds and mammals including man, 1, 155-6, *rep.*
on a cardioscope, 4, 325, *rep.*
- Czermak, J.**, on hypnotism in crustacea, 9, 213, *rep.*
- Czerney, V. & Latschenberger, J.**, on digestion and absorption on the human large intestine, 8, 413-14, *rep.*
- Czerny**, on blinding of retina by sunlight 2, 415, *rep.*
- Czyzewicz**, on a case of absence of right Fallopian tube, 43, 121, *rep.*
- Dabelow, A.**, The structural pattern of connective tissue as an arrangement for the reception of developing organs, 95, 612, P.
see Horstman, E.
- da Costa, A. C.**, New observations on the evolution of the cranial ganglionic crest in mammals, 61, 500, P.
demonstration of cranial ganglionic crest in mammals, 61, 515, P.
Paraganglia and carotid body, 69, 479-83, 70, 190, P.
- D'Agostini, N. & Rossatti, B.**, The histochemical localization of specific cholinesterase in the lymphatic tissue of mammals, 93, 354-60; 91, 588-9, P.
- Dahlström, Annica**, Observations on the accumulation of noradrenaline in the proximal and distal parts of peripheral adrenergic nerves after compression, 99, 677-89
- Daitz, H. M.**, Certain aspects of the non-cortical telencephalic centres of *Galago moholi*, 85, 423-4, P.
- & **Powell, T. P. S.**, Retrograde cell degeneration following lesions of the fornix system, 87, 456, P.
- Dakin, W. R.**, on ectopia viscerum, 26, 436-7, *rep.*
- Dalcq, A. M.**, The respective roles of the hyaloplasm and the chromosomes of the sperm nucleus in fertilisation, 61, 493, P.
fertilisation of frog's egg, 61, 515, P. (*dem. only*)
- & **Gerard, P.**, *Traite d'embryologie des vertébrés* (Brachet) nouvelle ed., 1935. 71, 420, *rev.*
- Dall, W. H.**, on three new species of cetacea, *Delphinus bairdii*, *Tursiops gillii* and *Grampus stearnsii*, 7, 335, *rep.*
on parasites infesting cetacea of N.W. coast of America, 7, 335, *rep.*
- Dallas, W. S.**, Translation of Nitzsch's *Pterylography*, 1867. 2, 391, *rev.*
- Dally, J. F. Halls**, An inquiry into the physiological mechanism of respiration, with especial reference to the movements of the vertebral column and diaphragm, 43, 93-114; 43, vii, P. (March 1908) (*t.o.*)
- Dalton's Physiology**, 6th ed., 1876. 10, 658, *rep.* (*notice*)
- Dalton**, on spectrum of bile, 9, 240, *rep.*
- Dalton, B. N.**, *see* Davies-Colley & Taylor, F.
- Dalton, et al.**, on motor centres in cerebral convulsions, 10, 625, *rep.*
- Dam**, On imperforation of the oesophagus, 43, 120, *rep.*
- Damourette, Martin**, *see* Martin-Damourette
- Daniel, E. E.**, *see* Paul, W. M. *et al.*
- Daniel, P.**, Spiral nerve endings in the extrinsic eye muscles of man, 80, 189-93
see also Barclay, A. E., Franklin, K. J., Prichard, M. M. L. & Trueta, J.
Beck, Elisabeth
Prichard, Marjorie M. L.
- Danilewsky** on the respiration of muscle, 9, 442-3, *rep.*
- Danilewsky, R.**, on physiology of the brain, 10, 626, *rep.*
- Dapena, Marie, A. Valdés**, *see* Valdés-Dapena, Marie A.
- Darcus, H. D.**, The maximum torques developed in pronation and supination of the right hand, 85, 55-67

Author Index

- Darcus, H. D. & Salter, Nancy, The amplitude of pronation and supination with the elbow flexed to a right angle, 87, 169-84
- , Weddell, G. & Weiner, J. S., Some observations on the efficiency of muscular action with respect to fatigue and oxygen consumption, 81, 394, *P.*
see also Salter, Nancy
 Sinclair, D. C.
- Dardinski, V. J., The anatomy of the major duodenal papilla of man, with special reference to its musculature, 69, 469-78
- Dareste, C., on researches relative to teratology, 3, 457, *rep.*
 on development of cyclopia, 26, 434, *rep.*
- Darian-Smith, I., Isbister, J. & Mok, H., Thalamo-cortical projections to the specific somatic sensory cortex of the cat excited by tactile stimulation of the face, 98, 495, *P.A.S.A.N.Z.*
- Dariaux, *see* Haret & Quenu
- Darlington, D., The 'iliac horn'—an unusual anomaly, 91, 601, *P.*
 The convolutional pattern of the brain and endocranial cast in the ferret (*Mustela furo*, L.) 91, 52-60
 An experimental study of the temporal ridges in the rat, 92, 654, *P.*
- & Rogers, A. W., Epithelial lymphocytes in the small intestine of the mouse, 100, 813-30
- Dart, R. A., A contribution to the morphology of the corpus striatum, 55, 1-26
 The misuse of the term 'visceral', 56, 177-88
 The anterior end of the neural tube and the anterior end of the body, 58, 181-205
 The dual structure of the neopallium: its history and significance, 69, 3-19
 The genesis of the cavum septi pellucidi, 59, 358-78
- & Shellshear, J. L., The origin of the motor neuroblasts of the anterior cornu of the neural tube, 56, 77-95
 Origin of the motor cells of the anterior cornu, 59, 24-25, *S.P.*
see also Shellshear, J. L.
- Dartigues & Caraven, on a case of polydactyly of a hand and two feet, 42, 138, *rep.*
- Darwin, C., *The descent of man and selection in relation to sex*, 1871. 5, 363-70, *rev.*
 criticism of his Philosophy of language by Max Müller, 7, 339, *rep.*
- Darwin, F., On the primary vascular dilatation in acute inflammation, 10, 1-16
 On the structure of the snail's heart, 10, 506-10
see also Garrod, A. H.,
- Das, B. K., On truncated umbilical arteries in some Indian mammals, 56, 325-32
- Daser, An anomaly of the left vena innominata, 37, 307, *rep.*
- Dauphin, *see* Jeanbran, E.
- Dauthuile, G., On mammary abnormalities, 35, 503, *rep.*
- Davaine, on septic virus, 7, 359, *rep.*
- Davenport, Colour-inheritance in mice, 39, 497, *rep.*
- Davey, P. L. H., The postnatal development of the prostate and seminal vesicle in the rat, 86, 497-8, *P.*
- David, C., on action of apomorphine, 9, 450, *rep.*
see also Souligoux,
- Davidson Black, D., *see* Black, D. Davidson
- Davidson, Alexander, Notice of a case of malposition of the right kidney, 2, 282
- Davidson, Andrew, An account, historical and physiological, of the Madagascar ordeal poison, the *Tanghinia venenifera*, 8, 97-112
- Davidson, D. G., Case of abnormal arrangement of the veins about the popliteal space, 25, 154
- Davidson, Pamela & Hardy, Margaret, H., The development of mouse vibrissae *in vivo* and *in vitro*, 86, 342-56
- Davies, D. A. & Parsons, F. G., The age order of the appearance and union of the normal epiphyses as seen by x-rays, 62, 57-71
- Davies, D. V., Cephalomelus: a rare tumour in a lamb, 74, 403-5
 Nutrition of the m. extensor pollicis longus in man, 74, 554, *P.*
 Nutrition of m. extensor pollicis longus in man, 74, 559, *P.*
 Case of ectopia vesicae with amputation of one hind limb, 76, 227, *P.*
 Ectopia vesicae with persistent neurenteric canal, demonstration, 76, 229, *P.*
 The staining reactions of normal synovial membrane with special reference to the origin of synovial mucin, 77, 160-9
 The cell content of synovial fluid, 79, 66-73; 80, 221, *P.*
 The lymphatics of the synovial membrane, 80, 21-3; 80, 231, *P.*
 The synovial joints of the skate (*Raia*) 82, 9-20; 80, 242-3, *P.*
 Some observations on the anatomy of *Nycticebus*, 80, 238, *P.*
 A benign tumour of the placenta, 81, 395-6, *P.*
 The foetal membranes of the Weddell seal (*Leptonychotes weddelli*) 84, 408, *P.*
 Observations on the anatomy of *Perodicticus potto*, 85, 408, *P.*
 The periodic acid Schiff procedure for the identification of hyaluronic acid type of mucopolysaccharide, 85, 426, *P.*
 The anatomy of the abdominal viscera in *Propithecus*, 87, 448, *P.*
 Observations on the volume, viscosity and nitrogen content of synovial fluid, with a note on the histological appearance of the synovial membrane, 78, 68-78
- , Cochrane, W. & Stockwell, R. A., The histochemistry and electron microscopy of Brunner's glands in the guinea-pig, 97, 472-3, *P.*
- & Davies, F. editors, Gray's anatomy. Descriptive and applied, 33rd ed. 1962. 97, 296-7, *rev.*
- & Edwards, D. A. W., The blood supply of the synovial membrane and the semilunar discs of the knee, 81, 394, *P.*
- & Francis, E. T. B., Comparative studies of vertebrate electrocardiograms, 85, 416, *P.*
- & Mann, T., The function, anatomy and development of the 'prostate' gland in the rabbit, 81, 385-6, *P.*
- & White, J. E. W., The structure and weight of synovial fat pads, 95, 30-7 (*European and African adults and juveniles*)
- & Young, L., Distribution and fate of radio-active sulphate in the connective tissue of the rat, 87, 448, *P.*
 The distribution of radioactive sulphur (^{35}S) in the fibrous tissues, cartilages and bones of the rat following its administration in the form of inorganic sulphate, 88, 174-83
see also Barnett, C. H. & MacConaill, M. A.
 Cochrane, W., Palfrey, A. J. & Stockwell, R. A.
 Davies, J. and Davies, D. V.
 Johnston, T. B. & Davies, F.
 Palfrey, A. J. & Davies, D. V.

Author Index

- Davies, F.**, Normal cholecystography, 61, 504-5, *P.*
 Conducting system of the heart, 64, 125, *P.*
 The conducting system of the bird's heart, 64, 129-46
 Further studies of the conducting system of the bird's heart, 64, 319-23
 Lantern slide demonstration showing position and connexions of the bundle of His in birds, 65, 164
 The conduction system of the monotreme heart, 65, 339-51; 65, 178, *P.*
 A note on the first lumbar nerve (anterior ramus) 70, 177-8, *anat. not.*
 Note on counterstaining Weigert-Pal sections of the central nervous system, 72, 308, *anat. not.*; demonstration, 72, 179, *P.*
 Demonstration of large steel microtome knife, 72, 318, *P.*
 Mounting media and the fading of histological preparations, 74, 464-70
 — & **Blair, D. M.**, The brachial plexus from a case of cervical rib with vascular symptoms, 69, 140-2, *P.*
 — — & **Bacsich, P.**, Posterior root ganglia, 70, 201, *P.*
 — & **Francis, E. T. B.**, The rhythm of the heart, 74, 138, *P.* (*film*); The conducting (connecting) system of the heart of the salamander (*S. salamandra*) 74, 138-9, *P.*
 A graphical method of comparing the glycogen content of muscle fibres from various regions of the heart, 77, 115, *P.*
 Cinephotographic method of analysis of the cardiac rhythm, 77, 115-16, *P.*
 The conduction of the impulse for cardiac contraction, 86, 302-9
 — — & **King, T. S.**, Neurological studies of the cardiac ventricles of mammals, 86, 130-43
 The conducting (connecting) system of the crocodilian heart, 86, 152-61
 —, **Gladstone, R. J.** & **Stibbe, E. P.**, The anatomy of the intercostal nerves, 66, 323-33
 — & **MacConaill, M. A.**, Cor biloculare, with a note on the development of the pulmonary veins, 71, 436-46
 — & **Stibbe, E.**, Anomalous fissure of right lung, 63, 156, *P.*
 On the intercostal nerves, 65, 178, *P.*
 — — & **Gladstone, R. J.**, Anatomy of the intercostal nerves, 66, 152, *P.*
see also Blair, D. M.
 Blair, D. M. & Bacsich, P.
 Blair, D. M. & Francis, E. T. B.
 Blair, D. M. & McClelland, E. W.
 Davies, D. V.
 Johnston, T. B. & Davies, D. V.
 MacConaill, M. A.
Davies, H., on law relating to orifices of the heart, 4, 301-2, *rep.*
Davies, J., The arterial blood supply of the Wolffian body in the sheep, 83, 73, *P.*
 The pronephros and mesonephros of the duck, 84, 72, *P.*
 The pronephros and the early development of the mesonephros in the duck, 84, 95-103
 Nephric development in the sheep, with reference to the problem of the ruminant pronephros, 85, 6-11
 Histochemistry of the rabbit placenta, 90, 135-42
 — & **Davies, D. V.**, The mesonephros of the sheep, 83, 72-3, *P.*
 —, **Dempsey, E. W.** & **Amoroso, E. C.**, The subplacenta of the guinea-pig: an electron microscope study, 95, 311-24
 The subplacenta of the guinea-pig: development, histology and histochemistry, 95, 457-73
see also Millen, J. W.
Davies, Sarah, *see* Cohen, H.
Davies, W. G. Lloyd, Cleared thick sections of brain and spinal cord stained by Mulligan's method, 72, 471, *P.*; 72, 474, *P.* (*dent.*)
Davies, Wynne, *see* Wynne-Davies
Davies-Colley, Taylor, F. & Dalton, B. N., on variations of muscles, 7, 327, *rep.*
 on variations of arteries, 7, 331, *rep.*
see also Pye-Smith & Howse,
da Vinci, *see* Leonardo da Vinci
Davis, D. H. S., *see* Brambell, F. W. Rogers
Davis, F. A. G., Unusual course of vena hemiazygos, 70, 321, *anat. not.*
Davis, G. G., *Applied anatomy: the construction of the human body considered in relation to its functions, diseases and injuries*, 4th ed., 1916. 51, 400, *rev.*
Davis, J. Barnard, on the weight of the brain in different races, found by measuring the cranial capacity, 2, 396, *rep.*
Davis, J. C., *see* Sheehan, H. L.
Davis, P. R., Some observations on the human vertebral column, 88, 585, *P.*
 The thoraco-lumbar mortice joint, 89, 370-7
 Observations on the movements of the human lower thoracic and lumbar vertebrae, 89, 565, *P.*
 Variations of the human intra-abdominal pressure during weight-lifting in different postures, 90, 601, *P.*
 The medial inclination of the thoracic intervertebral articular facets in relation to axial rotation, 92, 653, *P.*
 The medial inclination of the human thoracic intervertebral articular facets, 93, 68-74
 Human lower lumbar vertebrae: some mechanical and osteological considerations, 95, 337-44
 The thoraco-lumbar mortice joint in West Africans, 95, 589-93
 Continuous measurement of linear diameters of the chest, 95, 604, *P.*
 — & **Moore, R. E.**, Preliminary studies of paradoxical costal and diaphragmatic activity, 97, 153, *P.*
 — & **Troup, J. D. G.**, Cyclophotographic studies of movements of the trunk when lifting weights, 98, 475-6, *P.*
 Human thoracic diameters at rest and during activity, 100, 397-410
 — — & **Burnard, J. H.**, Movements of the thoracic and lumbar spine when lifting: a chronocyclophotographic study, 99, 13-26
see also Etemadi, A. A.
 Napier, J. R.
Davison, G., A case of congenital heart disease with single arterial trunk, 69, 423-6
Davison, J., On the influences of some conditions of the metamorphosis of the blow-fly (*Musca vomitoria*) 19, 150-65
Davson, H., editor, *The eye*, vol. 1. *Vegetative physiology and biochemistry of the eye*, 1962. 97, 136, *rev.*; vol. 4. *Visual optics and the optical space sense*, 1962. 98, 141, *rev.*
Davy, on animal heat, 1, 162-3, *rep.*
 on the bursa fabicii in different birds, 1, 166, *rep.*
Dawes, J. D. K. & Prichard, Marjorie, M. L., Studies of the vascular arrangements of the nose, 87, 311-22
Dawson, B. H., The blood supply of the optic chiasma, 83, 64-5, *P.*
 The blood supply of the human hypothalamus, 84, 80, *P.*

Author Index

- Dawson, B. H. & Hoyte, D. A. N., Observations on premature fusion of the sagittal suture, 91, 583, P.
 Observations on premature fusion of the coronal suture, 91, 590-1, P.
 Observations on premature fusion of the sutures of the cranial vault, 91, 613, P.
- Dawson, I. M. & Wyburn, G. M., Nissl's substance, cytoplasmic filaments and nuclear membrane of spinal ganglion cells, 89, 573, P.
see also Hally, A. D.
- Dawson, Jennifer, The 'jaw' apparatus of *Myxine glutinosa*, 96, 414, P.
 Histochemical investigations of the horny teeth of the hag-fish *Myxine glutinosa*, 97, 471-2, P.
- Day, on a modification of a guaiacum test for blood, 3, 232, *rep.*
- Day, F. T., *see* Hamilton, W. J.
- Day, J., on chemical properties and physiological action of fat, 8, 409, *rep.*
- Day, M. H., The arterial blood supply of the lumbar and sacral nerve plexuses in the human foetus, 95, 601, P.
 The blood supply of the lumbar and sacral plexuses in the human foetus, 98, 105-16
 — & Napier, J. R., The two heads of flexor pollicis brevis, 95, 123-30
- De, M. N. & Dutta, H. K., A case of unusual congenital malformation, 70, 439-41
 A case of foetus with one eye (cyclops) 73, 499-500
 — & Sinha, S. C., A case of displaced and malformed kidney, 68, 357-60
- Dean, A., An abnormality of the pancreatic ducts associated with duodenal and jejunal diverticula, 92, 664, P.
- Dean, G., & Marnoch, J., Case of Lithpaedion, 28, 77-83
- Deanesley, Ruth & Rowlands, I. W., Growth of the reproductive and endocrine organs of the guinea-pig, 70, 331-8
- Dearer, J. B., *Surgical anatomy of the human body*, 2nd ed. 3 vols, 1927. 63, 145, *rev.*
- Debasieux, On a case of median harelip, 40, 298-9, *rep.*
- de Beer, G. R., On a problematical organ in the lamprey, 59, 97-107
Vertebrate zoology, 1928. 64, 534-5, *rev.*
 The development of the skull in birds, 68, 127-8, P.
 Development of the diaphragm in *Pipistrellus*, 72, 154, P.
- Models illustrating presumptive morphogenetic zones in eggs of different vertebrates, 72, 176, P.
- The development of the vertebrate skull, 1937. 72, 639-40, *rev.*
- The origin of visceral arch cartilages from the neural crest, 73, 671, P.
- & Fell, W. A., Early development of the skull of *Ornithorhynchus*, 71, 142, P.
see also Huxley, J. S.
- de Beunie, on seasonal poisonous properties of *Mytilus edulis* (mussel) 6, 502, *rep.*
- Debeyre, model of mesonephros of young human embryo, 61, 514, P.
- De Blasio, Case of supernumerary mammae, 40, 300, *rep.*
- de Boer, C. H., *see* Asscher, A. W. & Turner, C. J.
- de Boris, Hare-lip, with angioma of the lip, 32, 788, *rep.*
- De Boucand, Congenital malformation of ring and little fingers, 44, 105, *rep.*
- Deboux, J. B., Hemimelia, 1 case, 27, 423, *rep.*
- Debouzy, on movements of the iris, 10, 634, *rep.*
- Debove, on sub-epithelial endothelium in mucous membranes, 9, 396, *rep.*
- de Bruyne, C., Adaptation fonctionnelle de la phagocytose, 31, xxxiv, P.; 32, xxii, P.
 On a functional adaptation of phagocytosis, 32, 92-5
- Decaisne, E., on sodium bromide as a substitute for potassium bromide, 5, 201, *rep.*
- de Carvalho, A. P., de Mello, W. C. & Hoffman, B. F., editors, *The specialized tissues of the heart*, 1961. 97, 292, *rev.*
- de Castro, F., Degeneration and regeneration of pre- and post-ganglionic nerve fibres of the autonomic system, 61, 514, P.
- de Froe, A., *Meetbare Variabelen van den menschelijken Schedel en hun onderlinge Correlaties in Verband met Leeftijd en Geslacht*, (*Measurable variables of the human skull and their intercorrelations in connexion with age and sex*) 1938. 73, 199, *rev.*
- de Garis, C. F., Patterns of the aortic arch in a series of 133 macaques, 70, 149-58
 —, Black, I. H. & Riemenschneider, E. A., Patterns of the aortic arch in American White and Negro stocks, with comparative notes on certain other mammals, 67, 599-619
- de George, D. V., *see* Osborne, R. H.
- de Grzybowski, J., *see* Anthony, R.
- de Harven, E. & Coers, C., Electron microscopic observations on human neuromuscular junctions, 93, 578, P.
- Dehn, A., on the excretion of potassium salts, 11, 566, *rep.*
see also Aubert, H.
- Deininger, on excretion of urea by skin, 6, 467, *rep.*
- De Jaffe, on urinary pigments, 3, 471, *rep.*
- Déjerine, J. & Déjerine-Klumpke, Madame A., *Anatomie des Centre Nerveux*, 1st volume, 1895. 29, 333-4, *rev.*
see also Cossy, A.
- Déjerine-Klumpke, Madame A., *see* Déjerine, J.
- de Koning, *see* Kirschbaum
- De la Camp, Six children in one family with patent ductus arteriosus, 38, 368, *rep.*
- Delamare, on familial polydactyly, 29, 468, *rep.*
- de Lange, D., The head problem in chordates, 70, 515-47
- Delaunay, *see* Moncany
- Delbet, on classification of malformations of the bladder, 43, 122, *rep.*
- Delboeuf, J., on the measure of sensations, especially those of fatigue and light, 9, 219, *rep.*
- Delépine, S., Contributions to the study of nucleus-division, based on the study of prickle cells, 18, 442-60
 On a fermentation causing the separation of cystin, 24, 346-8
- Deleste & Haret, A case of congenital hydronephrosis in a stillborn child, 36, 304, *rep.*
- Delfortie & Fischer, on some cetacean bones from Léognan, 7, 173, *rep.*
- Delherm & Laignel-Lavasture, A case of large persistent foramen ovale, 38, 367, *rep.*
- de Lille, *see* Marfan
- de Lima, J. A. Pires, Absence of the auditory canal and other anomalies of the external ear, 47, 1-7
 On a bone in the muscle vastus externus of the thigh, 47, 414-24
 Note on a case of bifid penis, with penial hypospadias, 49, 85-9
 On the skeleton of an ectromelic goat, 49, 378-85
 Study of an opodymous kitten, 52, 276-81
 Rudimentary otocephaly, 58, 145-51
 Hypertrophy of the platysma, 59, 108-12
 Multiple malformations of the limbs, 62, 333-8

Author Index

- de Lima, P., Duplicity of the anus and its significance, 61, 503-4, P.
- Delisle, F., *see* Edwards, A. Milne, Deniker, J., Boulart, R., de Pousargues, E.
- de Lisle, S. E., Clinical notes on a case of hydromicrocephaly, 19, 382-4
see also Hill, A.
- Delore, M. X., on maternal circulation in placenta in human, 8, 393, *rep.*
- De Luca & Panceri, on the secretion of salivary glands of *Dolium galea*, 2, 429, *rep.*
- DeLucchi, M. R., Dennis, B. J. & Adey, W. R., *A stereotaxic atlas of the chimpanzee brain* (*Pan satyrus*) 1965. 100, 211-12, *rev.*
- Demant, On the action of human intestinal juice, 13, 411, *rep.*
- Demas, on pseudohermaphroditism, 38, 364, P.
- de Mello, W. C., *see* de Carvalho, A. P. & Hoffman, B. F. *jt editors*
- Demole, *see* Vonwiller
- Dempsey, E. W., *see* Davies, J. & Amoroso, E. C. Leduc, Elizabeth H.
- Dempster, W. J., *see* Williams, P. L., Williams, M. A. & Kountz, S. L.
- Demtschenko, on results of stimulation of secretomotor nerves of lacrimal glands, 7, 356, *rep.*
- De Muylder, C. G., *The 'neurility' of the kidney*, 1952. 86, 470, *rev.*
- Deniker, The pigmentary patches of the sacro-lumbar region of Japanese, 37, 301-2, *rep.*
- Deniker, J., *see* Edwards, A. Milne, Boulart, R., de Pousargues, E. & Delisle, F.
- Dennis, B. J., *see* DeLucchi, M. R. & Adey, W. R.
- Dennison, W. M., *see* Bacsich, P.
Bacsich, P. & MacDonald, A. M.
- Denucé, *see* Sumita
- Denyer, S. E., Description of an ossicle occurring in the ilium, 38, xxiv-xxv, P.
An oesophageal pouch with absence of signs of any pathological cause, 39, 89
- de Pousargues, E., *see* Edwards, A. Milne, Deniker, J., Boulart, R., & Delisle, F.,
- de Renck, A. V. S. & O'Connor, M. *editors*, *Ciba Foundation Symposium on pulmonary structure and function*, 1962. 97, 132, *rev.*
- de Renzi, H. C., Abnormality of the heart and great vessels, 23, xxiii-xxiv, P.
- De Ribes & Carton, Case of heart which possessed only one ventricle and one auricle, 38, 367, *rep.*
- Derry, D. E., Two cases of fusion of the semilunar and cuneiform bones in negroes, 41, 56-8
Notes on predynastic Egyptian tibiae, 41, 123-30
Platycnemia in the tibia, 41, iv, P. (June 1906) (*t.o.*)
On the real nature of the so-called 'pelvic fascia', 42, 97-106; Pelvic muscles and fasciae, 42, 107-11
Note on the innominate bone as a factor in the determination of sex: with special reference to the sulcus praeauricularis, 43, 266-76
Sexual characters in the innominate bone, 43, i (June 1908) (*t.o.*)
The muscles and fasciae of the pelvis, 43, ii (July 1907) (*t.o.*)
Femora of prehistoric Egyptians, 43, iii (July 1907) (*t.o.*)
Note on accessory articular facets between sacrum and ilium, and their significance, 45, 202-10
The influence of sex on the position and composition of the human sacrum, 46, 184-92
A case of hydrocephalus in an Egyptian of the Roman period, 47, 436-58
Parietal perforation accompanied with flattening of the skull in an ancient Egyptian, 48, 417-29
A new mylometer, 48, 430-1
- On the sexual and racial characters of the human ilium, 58, 71-83; 59, 54, *S.P.*
The skeleton of a Sudanese eunuch, 59, 55, *S.P.*
Fossil human bones from Egypt, 59, 70-1, *S.P.*
Two skulls with absence of the premaxilla, 72, 295-8
see also Sidhom, G.
- De Sanctis, on infantilism, 42, 132, *rep.*
- Desfosses, A case of lobster-claw hand, 38, 371, *rep.*
see also Jayle
- Desfosses, P., *see* Chaillons, M.
- De Sinéty, on the globules of milk, 9, 448, *rep.*
on the mammae of new-born infants, 10, 218, *rep.*
on ovary of the foetus and new-born child, 10, 454-5, *rep.*
see also Sinéty
- Desnos, A case of third ureter, 44, 103, *rep.*
- D'Espine & Mallet, A case of malformation of the heart, 44, 102, *rep.*
- Detroye, on a cow, without internal reproductive organs, 43, 121, *rep.*
on a cow with two caeca, 43, 122, *rep.*
- Deuchar, Elizabeth M., The effect of a high temperature shock on early morphogenesis in the chick embryo, 86, 443-58
- Deutschmann, R., on development of elastic fibres, 9, 190, *rep.*
on haemoglobin, 10, 646, *rep.*
- Dévé, F., Azygos lobe of right lung, 3 cases, 34, 419, *rep.*
see also Barbarini, P.
- De Vecchi, On a rare form of chorda tendinea, 37, 307, *rep.*
- Devi, N. S. & Jacoby, F., The post-natal development of the submaxillary gland of the golden hamster, 97, 154, P.
The submaxillary gland of the golden hamster and its post-natal development, 100, 269-85
- Devine, C. E., *see* Simpson, F. O. & Devine, C. E.
- Devis, C. W., Notes on the myology of *Viverra civetta*, 2, 207-17
- Devis, Rosemary & James, D. W., Close association between adult guinea-pig fibroblasts in tissue culture, studied with the electron microscope, 98, 63-68
- De Vlaccos, on the pathogeny of congenital equinovarus, 43, 123, *rep.*
- Dew-Smith, A. G., On double nerve stimulation, 8, 74-82; 8, 400, *rep.*
Note on the presence of an insoluble sugar-forming substance in penicillium, 8, 82-4
see also Foster & Dew-Smith
- Dewar, James & Gamgee, Arthur, Rescarches on the constitution and physiological relations of cystine ($C_3H_5NO_2S$) 5, 142-9
— & M'Kendrick, J. G., On the physiological action of light, part I, 7, 275-8; part II, 7, 278-82
- de Watteville, Baron Armand, A description of the cerebral and spinal nerves of *Rana esculenta*, 9, 145-62
- Dexter, F., Morphology of the digestive tract of the cat, 33, ix, P. (*t.o.*)
- Diaconow, *see* Diakonow
- Diakonow, on albuminoid substances 2, 431, *rep.*
on the separation and chemistry of lecithin 2, 429-30, *rep.*
on constitution of lecithin, 3, 241, *rep.*
- Diamantopoulos, E., *see* Alderson, Ann M. & Downman, C. B. B.
- Diamare, on morphology of the suprarenal body, 33, 682 (*ref. only*)
- Diamond, M., *Dental anatomy*, 1952. 88, 264-5, *rev.*

Author Index

- Dible, J. H. & West, C. M., A human ovum at the previllous stage, 75, 269-81
see also West, C. M.
- Dick, A single fused kidney in a foetus, 40, 300, *rep.*
- Dick, D. A. T., An analysis of the growth rate of the liver in the foetal sheep, 89, 577, P.
 Observations on the development of the hepatic cell in the foetal sheep, 90, 568-9, P.
- Dick, J. C., Observations on the elastic tissue of the skin with a note on the reticular layer at the junction of the dermis and epidermis, 81, 201-11
- Dickens, F. *see* Dodds, E. C.
- Dickie, J. K. Milne, The anatomy of the head end of a 20-mm. human embryo, 48, 445-60
see also Fraser, J. S.
- Dickins, Aileen, M., *see* Hamilton, W. J.
- Dickinson, R. L., *Human sex anatomy*, 1933, 68, 576, *rev.*
- Dickinson, W. H., On the changes in the nervous system which follow the amputation of limbs, 3, 88-96
- Dickmann, Z., Fertilization and development of rabbit eggs following the removal of the cumulus oophorus, 98, 397-402
- Dickson, A. D., The size of the ductus venosus, 88, 547, P.
 The development of the ductus venosus in man, 88, 560, P.; 91, 358-68
 The ductus venosus of the pig, 90, 143-52; 88, 575, P.
 The development of the ductus venosus in man and the goat, 91, 358-68; 88, 560, P.
 Disappearance of the zona pellucida from the rat blastocyst, 97, 620-1, P.
 The form of the mouse blastocyst, 100, 335-48
- & Bulmer, D., Periodic acid-Schiff positive materials in the rat placenta, 92, 665, P.
 Cell movements through the capsule of the chorio-allantoic placenta in the rat, 94, 292, P.
 Observations on the placental giant cells of the rat, 94, 418-24; 93, 587, P.
 Observations on the origin of metrial gland cells in the rat placenta, 95, 262-73
- & Millen, J. W., The glycogen body of the chick spinal cord, 90, 589, P.
 The meningeal relationships of the glycogen body in the chick, 91, 47-51
see also Bulmer, D.
 Millen, J. W.
- Dickson, Lillian, M., Description of the skull of a girl of 17, 67, 182-6, *anat. not.*
 A rare arrangement of the deep extensor muscles of the fingers and thumb, 67, 199-200, P.
 The relations of the clivus, 67, 200, P. (t.o.)
 The development of nerve-endings in the respiratory muscles of the sheep, 74, 268-76; 74, 142, P. (*disc. only*)
- Dickson, W. E. Carnegie & Fraser, J., A congenital abnormality of the heart and blood-vessels, 48, 210-14
- Dienst, A case of acardiacus amorphus, 38, 365, P.
- Dietl, M. J., *see* Vintschgau, M. von
- Dietrich, on a case of paracephalus amelus macrocardius heteromorphous, 42, 134, *rep.*
 Heart with two congenital anomalies, 44, 102, *rep.*
- Dieulaufé & Gilles, Atresia ani, 40, 300, *rep.*
- Digby, K. H., The measurement of diaphysal growth in proximal and distal directions, 50, 187-8
- & Enticknap, J. B., Comparative anatomy of the subepithelial lymphatic glands, 86, 475-6, P.
- Dilworth, T. F. M., The nerves of the human larynx, 56, 48-52
 Specimens of the larynx, with reference to terminal distribution of the laryngeal nerves, 59, 14, S.P.
- Dionne, on polymastia, 29, 467, *rep.*
- Disse, The development of the olfactory nerve in birds, 31, xxxviii, P. (t.o.)
- Disse, J., on anatomy of the human larynx, 10, 453, *rep.*
 Early development of the olfactory nerve, 32, xii-xvi, P.
- Dittmar, *see* Ludwig
- Dittmar, C., on vaso-motor centre in medulla, 9, 215-16, *rep.*
- Dix, on two consecutive twin confinements, 39, 501, *rep.*
- Dixon, on a method of microscopic reconstruction, 28, xvii-xiv, P.
 on communication between facial and glossopharyngeal nerves in human and rat embryos, 29, xxx-xxxii, P.
- Dixon, A. D., Observations on the early development of the mammalian maxilla, 88, 561, P.
 Innervation of the oral mucosa, 91, 575, P.
 The extrinsic innervation of mammalian hair follicles, 91, 587, P.
 Nerve fibre differentiation in submucous plexuses, 91, 607, P.
 Denervation experiments on the palatal mucosa, 92, 649, P.
 The human temporomandibular joint disc, 93, 568, P.
 Features of facial growth revealed by radioactive calcium, 93, 589, P.
- & Howarth, P., A photographic method of graphic reconstruction, 91, 617, P.
- & Hoyte, D. A. N., Autoradiographic and alizarin techniques in the study of skull growth, 93, 589, P.
- & Torr, J. B. D., Post-mortem morphology of chromosomal sex, 90, 582, P.
 Persistence of sex chromatin after death in unfixed tissues, 90, 601, P.
 A photographic method of graphic reconstruction, 92, 162-6
see also Torr, J. B. D.
 Williams, T. H.
- Dixon, A. Francis, Abnormal distribution of the nervus dorsalis scapulae, and of certain of the intercostal nerves, 30, 209-10
 Ossification of the third trochanter in man, 30, 502-4
 The development of the branches of the fifth cranial nerve in man, 1896, 31, 163-4, *rev.*
 A rare condition of the vermiform appendix, 31, 442-5
 Development of eye-muscle nerves in mammals, 31, xxxviii, P. (t.o.)
 on the mode of development of the 4th nerve in the rat embryo, 32, xviii, P.
 The sensory distribution of the facial nerve in man, 33, 471-92
 An abnormal stomach, 33, xxv, P.
 The form of the empty bladder, and its connections with the peritoneum; together with a note on the form of the prostate, 34, 182-97, 33, xxx, P.; 33, 683 (*ref. only*)
 Anatomy of pelvic viscera models, 35, xix, P.
 Method of preparation of the hollow viscera for demonstration; 36, xxvii, P. (t.o.)
 On the peritoneum of the pelvis, 36, xxvii.
 On certain markings, due to nerves and blood-vessels, upon the cranial vault; their significance and the relative frequency of their occurrence in the different races of man, 38, 377-98
 Frequent retention of the blood channel described by Luschka in cases of chondrodystrophia foetalis, 41, ii, P. (June 1906)
 The architecture of the cancellous tissue forming the upper end of the femur, 44, 223-30

- Dixon, A. Francis**, Supernumerary kidney: the occurrence of three kidneys in an adult male subject, 45, 117-21
 Note on two cases of well-marked suprasternal bones, 48, 219-21
 Note on the vertebral epiphyseal discs, 55, 38-9
 the external nose in anthropoids 59, 67-9, *S.P.*
 Demonstration of section through human oöcyte, 61, 520, *P.*
 — & **Birmingham, A.**, The peritoneum of the pelvic cavity, 36, 127-41
 see also Haughton, W. S.
Dixon's Manual of human osteology, revised by E. B. Jamieson, 2nd ed. 1937. 72, 640-1, *rev.*
Dixon, J. S., The fine structure of otic ganglia in the rabbit, 100, 926, *P.*
Dixon, K. C., Differentiation of chromophilic and chromophobic neurones, 92, 425-32
Dobczanski, S. & Naunyn, B., on increase of temperature by pyrogenic substances and fever, 8, 427, 429, *rep.*
Dobrowsky, on circulation in the eyes, 5, 211, *rep.*
 on structure of the retina, 6, 443, *rep.*
 on perception of colour, 7, 344, *rep.*
Dobrowsky, W., on a binocular mixture of colours, 10, 204, *rep.*
Dobson, Mrs., see Fawcett, E. & Llewelyn, Miss.
Dobson, G. E., Case of development of hair on the eyeball of a dog, 14, 143
 On the phalanx missing from certain digits in the manus of *Chiroptera*, 16, 200-1
 The anatomy of *Microgale longicauda*, with remarks on the homologies of the long flexors of the toes in mammalia, 16, 355-61
 Note on the rectus abdominis et sternalis muscle, 17, 84-5
 On the homologies of the long flexor muscles of the feet of mammalia, with remarks on the value of their leading modifications in classification, 17, 142-79
 On the comparative variability of bones and muscles, with remarks on unity of type in variations of the origin and insertion of certain muscles in species unconnected by unity of descent, 19, 16-23
 Note on the mandibular dentition of the shrews, 20, 359-60, *anat. not.*
 On the presence of Peyer's patches (gladulae agminatae) in the caecum and colon of certain mammals, 18, 388-92
Dobson, Jessie, *Anatomical eponyms*, 1946. 81, 121, *rev.*
Dobson, J. F., see Jamieson, J. K.
Dobson, T. F., see Jamieson, T. K.
Dock, on the formation of glycogen in liver, 7, 187, *rep.*
Dodds, E. C. & Dickens, F., *The chemical and physiological properties of the internal secretions*, 1925. 62, 517, *rev.*
Dodds, W. J., On the localisation of the functions of the brain, 12, 340-63
 On the localisation of the functions of the brain, 12, 454-94
 On the localisation of the functions of the brain, 12, 636-60
Doerr, W., see Bargmann, W.
Dogiel, on the actions of chloroform, 1, 155, *rep.*
 on physiological action of alcohol, 9, 234, *rep.*
 — & **Kowalevsky**, on blood flow during interrupted respiration, 5, 403, *rep.*
 — & **Ludwig**, on cause of first heart sounds, 3, 207, *rep.*
Dogiel, A. S., Zur Frage ueber das Verhalten der Nervestellen zu Einander in *Archiv für Anatomie*, Band vi, 1893. 28, 380, 381, *rev.*
Dogiel, J., on acetic and propionic acid in bile, 2, 429, *rep.*
 on musculus dilator pupillae, 4, 305, *rep.*
 on ozone and its action on blood, 10, 204-5, *rep.*
Dohrn, A., On the morphology of the *Arthropoda*, 2, 80-86
 on classification of insects, 4, 307, *rep.*
 on structure and development of *Arthropoda*, 5, 197, *rep.*
 on *Malacostraca* and their larval forms, 6, 449, *rep.*
Doleris, on laryngeal tuberculosis, 13, 414-23, *abs.*
 Spina bifida, 1 case, 34, 412, *rep.*
 on two cases of imperfect development of the Fallopian tubes, 43, 122, *rep.*
 Congenital atresia of the two Fallopian tubes, 44, 103, *rep.*
Dollo, on the ligamentum teres, 33, 680 (*ref. only*)
Dömény, see Tandler,
Donald, a specimen of an internal subperitoneal hernia, 64, 112, *P.*
Donald, C., A case of human diphallus, 64, 523-6; 64, 121, *P. (i.o.)*
Donald, D., see McKenzie, J.
Donaldson, E. G., Morwood, P. I. & Whitting, H. W., Mast-cell population and wound healing in the rat uterus, 100, 940, *P.A.S.A.N.Z.*
Donaldson, H. H., Preliminary observations on some changes caused in the nervous tissues by reagents commonly employed to harden them, in *J. Morphol.*, vol. ix, 1894. 28, 380, 382, *rev.*
Donders, on the mechanism of accommodation of the pupil, 1, 165-6, *rep.*
 The innervation of the heart, 3, 245-6, *n.*
 Rapidity of psychical processes, 3, 250-1, *n.*
 on latent period of vagus, 5, 210, *rep.*
 on influence of spectacles on acuteness of vision, 8, 400, *rep.*
Donders, F. C. on congenital and acquired association, 7, 344, *rep.*
 on the duration of the cardiac systole, 1, 156, *rep.*
 On the work performed in pile-driving, *trans. by W. D. Moore*, 1, 168-9
 On the influence of accommodation on the idea of distance, *trans. by W. D. Moore*, 1, 169-70
 Upon the lingual apparatuses of the organ of voice and speech, 1, 173-5, *abs.*
 On the rapidity of thought and of the determination of the will (Rate of conduction in nerves, in man), 1, 181
 On the constituents of food and their relation to muscular work and animal food, 1, 181-2
 The phonautograph, a means of determining the absolute quantity of vowels, 1, 366-7, *abs.*
 on time required for psychical processes, 2, 198, *abs.*
 on the cardiograph, 2, 198-9, *abs.*
 on the rhythm of the sounds of the heart, 2, 432, *n.*
 on innervation of the heart, in connection with that of the respiratory movements, 3, 245-6, *n.*
 on the rapidity of psychical processes, 3, 250, *n.*
 On the action of the eyelids in determination of blood from expiratory effort, 5, 228-9, *n.*
Donegan, Evelyn, see Barry, D. T.
Dönhoff, on behaviour of cold-blooded animals at freezing temperature, 8, 430, *rep.*
 on co-ordination centra in the bee, 10, 202, *rep.*
 on influence of the time of the year on the skin of embryos, 10, 218, *rep.*
Dönitz, W., on a double monster, 1, 357, *rep.*
 on nature of chorda dorsalis in larval ascidian, 5, 388, *rep.*
 on striped muscle fibre of *Siphonophora*, 6, 442, *rep.*
 on structure of kidney in African elephant, 7, 171, *rep.*
 on cervical vertebrae of *Plotus (bird)*, 9, 405, *rep.*

- Donne, on spontaneous generation of the egg, **1**, 361, *rep.*
- Donnison, C. P., *Civilisation and disease*, 1937. **72**, 467-8, *rev.*
- Donogány, on the histology of the cartilaginous nasal septum, **33**, 683 (*ref. only*)
- Donovan, H. & Hill, W. C., Osman, The fascial relations of the tensor fasciae latae, **68**, 150-1, *P.*
- Dooremael, see Meulen, van der
- Doran, A., Morphology of the mammalian ossicula auditus, **13**, 401-6, *abs.*
- Dissection of the genito-urinary organs in a case of fissure of the abdominal walls, **15**, 226-34
see also Harris, V. D.
- Doran, F. S. A., The vascular density of the mucous membrane of the lesser curvature and pars pylorica of the human stomach compared with that of the greater curvature, **88**, 557, *P.*
- The intramural blood supply of the upper jejunum in man, **84**, 283-6; **84**, 403-4, *P.*
- The immobility of the lower edge of the internal oblique and conjoined tendon, **89**, 578, *P.*
- Further observations on the anatomy of the lesser curvature of the human stomach with regard to chronic gastric ulceration, **91**, 573, *P.*
- Dorn, E., *see* Schaltenbrand, G.
- D'Ornellas, A. E., on physiology of vomiting and action of certain emetics, **8**, 230-1, *rep.*
- Dornette, William, H. L., *Anatomy for the Anaesthetist*, 1963. **98**, 458, *rev.*
- Dott, N. M., *see* Clark, W. E. Le Gros, Beattie, J. & Riddoch, G.
- Douglas, James, *James Douglas of the pouch and his pupil William Hunter* (Thomas) 1964. **99**, 404, *rev.*
- Douglas, J. Sholto C., *see* Clarke, Astley V.
- Douglas, K. M., The anatomy of the transversalis muscle and its relation to inguinal hernia, **24**, 220-6
- Douglas-Crawford, D., A case of absence of the corpus callosum, **40**, 57-63; **40**, 298, *rep.*; **39**, xxvi, *P.*
- Dow, D. Rutherford, The anatomy of rudimentary first thoracic ribs with special reference to the arrangement of the brachial plexus, **59**, 166-79
- Rudimentary first thoracic rib, **59**, 55, *S.P. (t.o.)*
- Two cases of anomalous intestinal rotation, **71**, 156-7, *P.*
- & Harper, W. F., The vascularity of the valves of the human heart, **66**, 610-17
- Blood cysts in human cardiac valves, **71**, 117-23; **70**, 198, *P. (t.o.)*
- & Kirkpatrick, H. J. R., Herniae in region of duodenum, **63**, 165-6, *P.*
- see also* Harper, W. E.
MacDougall, J. B.
- Dowd, D. A., The carotid body—carotid sinus complex in monotremes, **98**, 494, *P.A.S.A.N.Z.*
- Down, J. Langdon, on defective corpus callosum, **1**, 357, *rep.*
- Downes, R. M., The interrelationship of some trunk measurements and their relation to stature, **48**, 299-314
- Downie, Walker, Unnamed supernumerary nasal cartilages, **27**, 181-2
- Downman, C. B. B., Afferent fibres of the hypoglossal nerve, **73**, 387-95
- Doyen, on results of intra-peritoneal inoculation of micrococcus neoformans, **42**, 135, *rep.*
- Drachmann, A. G., Case of congenital absence of the quadriceps extensor cruris muscle, **7**, 310-11 (*trans. by J. W. Moore*)
- Dransfield, J. W., *see* Hughes, H. V
- Draper, on production of body heat and effects of exposure to cold, **8**, 429-30, *rep.*
- Dreesmann, A case of dilatation of the common bile-duct, **44**, 104
- Drennan, M. R., *A short course on human osteology*, 1928. **63**, 394, *rev.*
- The torus mandibularis in the Bushman, **72**, 66-70
- Dresche, on persistence of the ductus arteriosus Botalli, **33**, 682 (*ref. only*)
- Dreschfeld, on the influence of vagus on arterial blood pressure, **2**, 408-9, *rep.*
- Dreschfeld, J., On a new staining fluid, Eosin, **11**, 181-2
- On a peculiar form of liver tumour, **14**, 329-36
- Case of cerebellar tumour (psamma-sarcoma) **14**, 337-44
- On the changes in the spinal cord after amputation of limbs, **14**, 424-31
- On some points in the histology of cirrhosis of the liver, **15**, 69-77
- On the morbid histology of the liver in acute yellow atrophy, **15**, 422-30
- A contribution to the pathological anatomy of primary lateral sclerosis (sclerosis of the pyramidal tracts) **15**, 510-18
- Drewes, Joseph, *Die Phlebographie der oberen Körperhälfte*, 1963. **98**, 139, *rev.*
- Drinker, C. H. & Field, Madeleine, E., *Lymphatics, lymph and tissue fluid*, 1933. **68**, 286-7, *rev.*
- & Yoffey, J. M., *Lymphatics, lymph and lymphoid tissue*, 1941. **76**, 409, *rev.*
- see also* Yoffey, J. M.
- Drinkwater, H., Hereditary abnormal segmentation of the index and middle fingers, **50**, 177-86
- see also* Oag, J.
- Drosdoff, On the analysis of the blood of the portal and hepatic veins, **13**, 243, *abs.*
- & Botschetschkaroff, on contraction of the spleen and its relation to the liver during stimulation of splenic nerves, **11**, 204-5, *rep.*
- & Karoff, B., on condition of the blood-pressure on respiring compressed air, **9**, 416, *rep.*
- Drosdoff, W., On the absorption of peptones, of cane sugar, and of sulphindigotic acid from the intestine, and their detection in the blood of the portal vein, **13**, 245-6, *abs.*
- Drosier, on the functions of air cells and the mechanism of the respiration in birds, **1**, 156, *rep.*
- Drummond, W. B., On the structure and functions of the haemolymph glands, **34**, 198-222
- see also* Muir, R.
- Drury, on a bicuspid aortic opening, **33**, 354 (*ref. only*)
- D'Silva, J. L. & Harrison, R. J., Distribution of radio-potassium in the uterus of the pregnant rat, **86**, 488-9, *P.*
- Dubois, on the relation of the brain weight to body size in man, **33**, 506 (*ref. only*)
- Dubois, A. B., *see* Comroe, J. H., Forster, R. E., Briscoe, W. A. & Carlsen, E.
- Dubois, E., Abstract of remarks on the brain-cast of *Pithecanthropus erectus*, **33**, 273-6
- Dubrueil & Legros, on actions of potassium sulphocyanate, **2**, 183, *rep.*
- Dubrueil, A., on development of bone, **6**, 435, *rep.*
- Dubrueil-Chambardel, Four cases in which congenital symmetrical depressions on either side of sternum coexisted with stenosis of pulmonary artery, **44**, 101, *rep.*
- du Bus, on remains of various species of *Delphinidae*, **8**, 176, *rep.*
- Duceschi, on the central innervation of the external sphincter ani, **33**, 505 (*ref. only*)

Author Index

- Duchamp, G.**, on anatomy of *Dromaius nova-hollandiae*, 8, 177, *rep.*
- Duckworth, Dyce**, on action of emetia [emetine] 4, 168-9, *rep.*
on actions of ipecacuanha and emetia, (experiments) 6, 499, *rep.*
Notes of a case in which there was a small aperture in the septum ventriculorum near the apex of the heart, 11, 183
- Duckworth, W. L. H.**, Description of two skulls from Nagyr, in *J. Anthropol. Inst.*, Nov. 1893; A critical study of the collection of crania of aboriginal Australians in the Cambridge University Museum, *J. Anthropol. Inst.*, May, 1894. 29, 142, 144, *rev.*
Variations in crania of *Gorilla savagei*, 29, 335-45
Note on a foetus of *Gorilla savagei*, 33, 82-90
on measurements of the male negro, 33, 356, *anat. not.*
Notes on the anthropological collection in the Museum of Human Anatomy, Cambridge, 34, xxxiv-xli, P., July 1899
Os innominatum of the Gorilla; Human and anthropoid skull, 35, viii-ix, P.
On an unusual form of nasal bone in a human skull, 36, 257-9
A note on irregularities in the conformation of the post-orbital wall in skulls of *Hylobates mulleri*, and of an original native of Australia, 36, 260-2
Morphology and anthropology, 1904. 39, 369-70, *rev.*; *Studies from the Anthropological Laboratory, The Anatomy School, Cambridge*, 1904. 39, 370, *rev.*
Note on an unusual anomaly in crania from the island of Kwaiawata, New Guinea, 41, 1-5
Notes on the anatomy of an eunuroid man dissected at the Anatomy School, Cambridge, 41, 30-4
Report on a cranium with greatly reduced and irregular dentition, 41, 208-10
Description of a human cranium from Wallfisch Bay, S.W. Africa, 41, 211-15
On the brains of aboriginal natives of Australia in the Anatomy School, Cambridge University, part I, 42, 69-87; part II, 42, 176-97; part III, 42, 271-87
on four cases of anomalous conditions of the cerebrum, 43, 118, *rep.*
Brain of a microcephalous idiot, 43, vi, P. (March 1908) (*t.o.*)
A note on sections of the lips of the primates, 44, 349-53
Report on an abnormal first thoracic vertebra, 45, 65-8
On a human cranium with an osseous tumour of the frontal region and a shallow pituitary fossa, 45, 140-3
Description of a human skull dredged up in the North Sea off the coast of Norfolk, 45, 232-8
Report of a skull from British East Africa, 46, 71-80
On the natural repair of fractures, as seen in the skeletons of Anthropoid apes, 46, 81-5
Description of an Ashanti skull with defective dentition, 46, 215-27
The Sudbury calvaria: a revised and extended description, 46, 328-49
On some points in the anatomy of the plica vocalis, 47, 80-115
Note on a human foetal skull, apparently the subject of cephalocele, 47, 343-9
Notes on some measurements made on subjects in the dissecting-room, 51, 167-79
A note on some charts representing the relations of cranial length and breadth, 51, 376-91
Note on Greek and Cretan skulls, 76, 223, P.
A foetal rhinoceros, 76, 223, P.
The Andamanese aboriginal brain in the Cambridge collection, 76, 223-4, P.
Duclaux & Herrenschildt, Teratoma of the labium majus, 40, 297, *rep.*
Ducrocq, on the physiological action of respiration of compressed air, 10, 646, *rep.*
Dudgeon, on a case of malignant teratoma of the ovary in a child of 3 years 11 months, 42, 138, *rep.*
Dudgeon, R. E., on mechanism of accommodation, 6, 474, *rep.*
Dudley Cooper, C., *see* Cooper, C. Dudley
Duel, A. B., *see* Beattie, J. & Ballance, Sir Charles,
Duggan, C. W., *see* Haycraft, J. B.
Duhay, N., on internal hernia, due to abnormal mesentery, 7, 332, *rep.*
Dujarier, A case of Meckelian diverticulum, 37, 308, *rep.*
Dukes, L. & Owen S. A., Anomalies in the cervical and upper thoracic region, involving the cervical vertebrae, first rib and brachial plexus, 36, 290-1
Dulake, L., Imperforate anus, 59, 63, S.P.
A case of strangulated omphalocele, 59, 91-2, S.P.
Duloroy, Double monsters, 30, 457, *rep.*
Dumont, L., on physiology and psychology of laughter, 9, 212-13, *rep.*
Dun, R. C., *see* Paterson, A. M.
Duncan, H., An easy method of dissecting the eyeball, 24, 599-600
Duncan, J. Matthews, On cases of *vagina duplex et uterus simplex* and of saccated uterus [human], 1, 269-74
on the laws of human fertility and sterility, 1, 167, *rep.*
Fecundity, fertility, sterility, and allied topics, 1866. 1, 353, *rev.*
Researches in obstetrics, 1868. 2, 386-7, *rev.*
on the expulsive force in parturition 2, 415, *rep.*
— & **Gamgee, Arthur**, Notes of some experiments on the rate of flow of blood (ox) and some other liquids through tubes of narrow diameter, 5, 150-7
Duncan, Margaret, Abdominal viscera in tight lacing, 36, 93-4, A.U.A.A.S.
A double chick embryo, 36, 421, A.U.A.A.S.
Duncomb, P., *see* Lever, J. D.
Dunlop Lickley, J., *see* Lickley, J. Dunlop
Dunlop, H. A., Demonstration of model showing origin of right apical branchus from the trachea, 63, 162, P.
see also Gladstone, R. J.
Dunn, J. Shaw, *see* Hayward, A. F.
Dupré, on elimination of alcohol, 6, 492-3, *rep.*
Dupret, S., *see* Pauchet, V.
Dupuis, P.-V., *La torsion tibiale*, 1951. 86, 80, *rev.*
Dupuy, *see* Brown-Séquard
Dupuy, E., on results of electrical stimulation of cerebral cortex, 8, 396, *rep.*
on inheritance of acquired characteristics, 11, 208, *rep.*
Duquesnel, *see* Gréhant
Duran-Jorda, F., The renal ducts of Bellini, 89, 464-6
Durand-Viel, P., *see* Lenormant, C.
Durante, Six cases of congenital obstruction of the intestines, 37, 307, *rep.*
A case of congenital adeno-myoma of the intestine, 37, 308, *rep.*
Case of patent septum ventriculorum, 38, 367, *rep.*
see also Porak
Durante, G., Transposition of great vessels, 34, 419, *rep.*

Author Index

- Duresk, on the production of artificial inversion of viscera by heating different parts of the ovum, 5, 218, *rep.*
- Duret, H., on arteries of the medulla oblongata, 7, 331, *rep.*
on anatomy of adult and foetal cerebral blood vessels, 9, 201-3, *rep.*
on the anatomy of encephalic blood-vessels, 9, 392, *rep.*
On the part played by the cerebro-spinal fluid in cerebral injuries, 13, 254-5, *abs.*
see also Carville, C.
- Durlacher, M., Hereditary malformations of the hands and feet, 34, 421-2, *rep.*
- Durr, on multiple congenital abnormalities, 26, 440, *rep.*
- Dursy, on anomalies of muscles of upper limb and trunk, 3, 196, *rep.*
- Dursy, E., *Zur Entwicklungs-geschichte des Kopfes des Menschen und der höheren Wirbelthiere*, 1869, 3, 444, *rev.*
- Durward, A., A note on symmetrical thinning of the parietal bones, 63, 356-62
The cell masses in the forebrain of *Sphenodon punctatum*, 65, 8-44
Observations on the cell masses in the cerebral hemispheres of the New Zealand kiwi (*Apteryx australis*) 66, 437-77
The brain of the Kiwi, 67, 194, *P. (t.o.)*
Some observations on the development of the corpus striatum of birds, with special reference to certain stages in the common sparrow (*Passer domesticus*) 68, 492-9
Origin of the corpus striatum in birds, 69, 132, *P. (disc. only)*
Compression of the optic nerves by the carotid arteries, 69, 137, *P.*
The origin of the corpus striatum, 73, 667, *P. (disc. only)*
Experimental investigation of the intraneural vascular bed of peripheral nerves, 80, 228, *P.*
— & Adams, W. E., A live specimen of *Sphenodon punctatum*, 73, 669, *P. (dem.)*
— & Nabano, Pancreatic tissue in the wall of a Meckel's diverticulum, 71, 141, *P. (t.o.)*
— & Rudall, K. M., Factors influencing hair-growth rhythm, 80, 230, *P.*
Studies on hair growth in rats, 83, 325-35
Experiments on hair growth in rat, 84, 66, *P.*
— & Schuster, Norah, An anomalous heart of a child, 71, 137, *P.*
- Dusart & Dusart, on albuminous substances, 8, 410, *rep.*
- Du Séjour, A case of azygos lobe of the right lung, 39, 505, *rep.*
- Duthie, E. S., Haemopoiesis in certain teleostean fishes, 72, 143, *P.*
The origin, development and function of the blood cells in certain marine teleosts. Part I. Morphology, 73, 396-412
- Duthie, Georgiana, M., An investigation of the occurrence, distribution and histological structure of the embryonic remains in the human broad ligament, 59, 410-31
- Dutta, C. R., *see* Siegesmund, K. A. & Fox, C. A.
- Dutta, H. K., *see* De, M. N.
- Duval, on monsters, 30, 455-6, *rep.*
- Duyse, van, Cyclopia, 1 case, 34, 413, *rep.*
Cryptophthalmus, 1 case, 34, 417, *rep.*
Congenital anophthalmus, 6 cases, 34, 418, *rep.*
Fused eyes in rhinocephalic monster, 34, 417, *rep.*
- Dvorak, on spectra of motion, 6, 225, *rep.*
- Dwight, A case of transverse foramen, 37, 302, *rep.*
- Accessory ossicles of the feet, 37, 310, *rep.*
Case of hour-glass stomach, 38, 368, *rep.*
A case of a separate subcapitulum on each hand, 38, 372, *rep.*
Anatomical anomalies causing malposition of the head and distortion of the face, 39, 504, *rep.*
Description of a unilateral supracondyloid foramen, 39, 507, *rep.*
On the os magnum, 39, 510, *rep.*
- Dwight, T., on external characters and skeleton of *Balaenoptera musculus*, 7, 172, *rep.*
An abnormal ischio-trochanteric ligament, 8, 134-5
Remarks on the position of the femur and on its so-called 'true neck', 9, 311-14
Remarks on the brain, illustrated by the description of the brain of a distinguished man, 13, 267, (*t.o.*); comment by Turner, 13, 270
The sternum as an index of sex and age, 15, 327-30
The movements of the ulna in rotation of the forearm, 19, 186-9
Rotation and circumduction, 19, 351-4
Frozen sections of a child, 1885, 20, 192, *rev.*
Account of two spines with cervical ribs, one of which has a vertebra suppressed, and absence of the anterior arch of the atlas, 21, 539-50
Notes on muscular abnormalities, 22, 96-102
The significance of the third trochanter and of similar bony processes in man, 24, 61-8
The sternum as an index of sex, height and age, 24, 527-35
Irregular union of the first and second pieces of the sternum in man and apes, 24, 536-42
on fused hands, 27, 423-4, *rep.*
A case of absence of the right kidney, 29, 18-19
Notes on the dissection of a chimpanzee, ('Gumbo'), 30, 312, 313-14, *rev.*
The significance of anomalies, 30, 453, *rep.*
Anus vulvalis, 30, 461, *rep.*
Notes on the duodenum and the pylorus, 31, 516-21
The origin of numerical variations of the vertebrae; The living model showing the platysma in action, 33, ix, *P.*
Absence of the inferior cava below the diaphragm, 35, 7-20
Irregular ossifications in the space between the transverse process and the rib at the junction of the neck and thorax, 45, 438-41
- Dwyer, Joyce, Robert, *see* Joyce, Robert
- Dyban, A. P., *Grundriss der pathologischen Embryologie des Menschen*, 1962, 97, 294, *rev.*
- Dybrowsky, on the oxygenation of the blood, 1, 160, *rep.*
on composition of neurin, 2, 180, *rep.*
on the action of phosphorus on man and animals, 2, 183, *rep.*
— & Fick, on production of heat during rigor mortis 3, 236, *rep.*
- Dybowski, B., on skull of *Phoca baicalensis*, 8, 176, *rep.*
- Dyce, K. M., The splanchnic nerves, and major abdominal ganglia of the horse, 92, 62-73
- Dyson, one case of transposition of the viscera, 42, 135, *rep.*
- Dyson, Mary, *see* Joseph, J. & Dyson, Mary
- Eakin, R. M., *Vertebrate embryology. A laboratory manual*, 1965, 100, 212, *rev.*
- Eales, Nellie, B., Note on an abnormality in the blood vascular system of the rabbit, 65, 152-3, *anat. not.*
- Abdominal pregnancy in animals, with an account of a case of multiple ectopic gestation in a rabbit, 67, 108-17

Author Index

- Eames, Rosemary, A. & Gamble, H. J.**, Electron microscopy in human dorsal nerve roots, 98, 478, *P. (dem.)*
see also Gamble, H. J.
- Earle, C.**, On the presence of a supernumerary milk incisor in the human dentition, 39, 197-8
- East, C. F. T. (later Sir Terence)**, A rare abnormality of the occipital bone, 60, 416-17
Abnormal occipital bone with manifestations of an occipital vertebra 60, 486, *P.*
- Eastham, L. E. S.**, see Borradaile, L. A., Potts, F. A. & Saunders, J. T.
- Eastlake, H. E.**, on epispadias 2, 401, *rep.*
- Easty, D. M.**, see Abercrombie, M., Ambrose, E. J. & Heaysman, J. E. M.
- Eayrs, J. T.**, The factors governing the opening of the eyes in the albino rat, 85, 330-7
The vascularity of the cerebral cortex in normal and cretinous rats, 88, 164-73
— & Baddeley, R. M., Neural pathways in lactation, 90, 161-71
— & Goodhead, B., Postnatal development of the cerebral cortex in the rat, 93, 385-402
— & Taylor, S. H., The effect of thyroid deficiency induced by methyl thiouracil on the maturation of the central nervous system, 85, 350-8
see also Barker, B. M.
Berry, M.
Berry, M. & Rogers, A. W.
- Ebbinghaus, H.**, Heart malformation, 39, 505, *rep.*
- Ebers, Professor**, *Archaeologia anatomica* (The oldest anatomical memoranda extant from the Ebers papyrus) 32, 775-8
- Ebert, J. D.**, see McKenzie, J.
- Eberth, C. J.**, on relation of bile-ducts [capillaries] to mammalian liver cells, 2, 172, *rep.*
on the intimate structure of the ciliated epithelium, 1, 148, *rep.*
on keratitis after section of the trigeminal nerve, 8, 187, *rep.*
on bacteria in sweat, 8, 188, *rep.*
— & Belajeff, on distribution of the lymphatic vessels, 1, 357, *rep.*
- Eberth, C. J.**, on liver in the vertebrata 2, 398, *rep.*
Untersuchungen zur normalen und pathologischen Anatomie der Froschhaut, 1869, 4, 148-9
on lymph and blood vessels of brain and spinal cord, 4, 302, *rep.*
on nerve-endings in skin, 4, 305, *rep.*
on smooth muscle in human kidney, 7, 171, *rep.*
on inflammation of the cornea, 8, 400, *rep.*
- Ebling, F. J.**, see Bullough, W. S.
- Ebner, von**, on the walls of capillary veins in the spleen, 33, 682 (*ref. only*)
- Ebner, Victor von**, on structure of the walls of the aorta, 5, 194, *rep.*
- Ebstein, W.**, on glands of the stomach, 5, 407, *rep.*
— & Grützner, on formation of pepsin in the stomach, 8, 207, *rep.*
on the pyloric glands, 9, 234, *rep.*
- Ebstein, W.**, on congenital insufficiency of the tricuspid valve, 1, 153, *rep.*
on mucous glands of stomach, 5, 379, *rep.*
Syndactyly, 31, 463, *rep.*
— & Müller, J., on the action of acids and alkalis on the liver ferment, 11, 563, *rep.*
- Eccles, C. N.**, see Wilkinson, W. J. C. & Kugler, J. H.
- Eccles, M'Adam**, a specimen of bifurcation of rib and costal cartilage, boy aged 16, 28, ix, *P.*
Specimens of abnormally long vermiform appendix, 34, xxiv-xxv, *P.* May 1900
Meckel's diverticulum in mammalia, 42, 456-7, *anat. not.*
on a case of brachydactyly, 44, ii, *P. (t.o.)*
- & Finzi, Exhibition of skiagrams to show the value of a knowledge of depth in anatomy, 50, 13-14, *P.* (March 1915)
- Ecker, A.**, *Skädel nordafrikanischer Völker*, 1866, 1, 352, *rev.*
on remains of skeletons at Hinkelstein and Oberringelheim, 3, 196, *rep.*
The convolutions of the human brain, trans. by J. C. Galton, 1873, 8, 158, *rev.*
Position, size and shape of cerebrum in relation to distortion of skull, 13, 266 (*t.o.*); comment by Turner, 13, 271
Relation of brain to skull, 13, 266 (*t.o.*); comment by Turner, 13, 271
- Ecker, T.**, on topography of cerebral convolutions, 4, 157, *rep.*
- Eckhard, C.**, on secretion of saliva in the horse, in parotid and submaxillary glands, 1, 166, *rep.*
on absence of left internal iliac artery 3, 200, *rep.*
on hydruria [polyuria] produced by neural damage, 4, 189-90, *rep.*
on innervation of the salivary glands, in sheep, 1, 361, *rep.*
on the development of striated muscle fibre, 1, 362, *rep.*
on experimental diabetes induced by damage to the nervous system, 2, 188-9, *rep.*
on cardiac inhibitory nerve in crustacea, 2, 191, *rep.*
on production of polyuria by inhalation of carbon monoxide, 5, 216, *rep.*
on experimental production of glycosuria 5, 217, *rep.*
on influence of the sympathetic upon the eye, 8, 187, *rep.*
— & Vierheller, on the parotid of sheep, 2, 413, *rep.*
- Eckhard, C.**, *Experimental Physiologie der Nervensystems*, 1866, 1, 354-5, *rev.*
on observations on the development of the muscular fibres of the heart, 2, 167, *rep.*
- Eckhard, L.**, on mechanism of erection of penis, 2, 415, *rep.*
on erection in birds, 8, 421, *rep.*
- Ecklin, U.**, *Die Altersveränderungen der Halswirbelsäule*, 1960, 95, 142, *rev.*
- Eckoff, N. L. & Thompson, A. R.**, Muscular deficiency of the abdominal wall, 59, 55-7, *S.P.*
- Eckstein, F. M. P.**, Unusually long pregnancy in a macaque, 78, 147
— & Zuckerman, S., The effect of oestrogenic stimulation on the mangabey prostate, 78, 146
- Eckstein, P.** editor, *Memoirs of the Society for Endocrinology* No. 6: *Implantation of ova*, 1959, 93, 555, *rev.*
- Economo, C. von**, *The cytoarchitectonics of the human cerebral cortex*, trans. by S. Parker, 1929, 63, 389, *rev.*
- & Koskinas, G. N., *Die Cytoarchitektonik der Hirnrinde des erwachsenen Menschen*, 1925, 61, 264-6, *rev.*
- Edds, M. V.** editor, *Immunology and development*, 1958, 94, 279, *rev.*
editor, *Macromolecular complexes: The sixth annual symposium publication of the Society of General Physiologists*, 1961, 96, 134, *rev.*
- Edgeworth, F. H.**, On the medullated fibres of some of the cranial nerves, and the development of certain muscles of the head, 34, 113-150
On the development of the head muscles in the newt, 36, 209-52
The development of the head muscles in *Scyllium canicula*, 37, 73-88
on the development of the ventral longitudinal muscles of the neck, 44, iii, *P. (t.o.)*

Author Index

- Edgeworth, F. H.**, On the development of the laryngeal muscles in saurospida, 54, 79-89
- On the development of the hypobranchial and laryngeal muscles in amphibia, 54, 125-62
- On the larval hyobranchial skeleton and musculature of *Cryptobranchus*, *Menopoma* and *Ellipsoglossa*, 57, 97-105
- On the quadrate in *Cryptobranchus*, *Menopoma* and *Hynobius*, 57, 238-44
- On the development of the cranial muscles of *Tatusia* and *Manis*, 57, 313-35
- On the masticatory, intermandibular and hyoid muscles of *Orycteropus capensis* (Aardvark) 58, 134-9
- On the autostylism of *Dipnoi* and *Amphibia*, 59, 225-64
- On the hyomandibula of *Selachii*, *Teleostomi* and *Ceratodus*, 60, 173-193
- On the development of the coraco-branchiales and cucullaris in *Scyllium canicula*, 60, 298-308
- On the masticatory and hyoid muscles of larvae of *Xenopus laevis*, 64, 184-8
- On the development of the hyoid bar and rays in *Plagiostomi*, 66, 104-13
- The cranial muscles of vertebrates*, 1935. 70, 587, *rev.*
- The digastric muscle of *Phalanger orientalis* and *Maculatus*, 71, 315-16
- see also Adams, S. B. & Wheeler, J. F. G.
- Brocklehurst, R. J.
- Wakeley, C. P. G.
- Edinburgh**, Physiological laboratory of the University of, see Haycraft, J. B., Carlier, E. W. & Schofield, H. C. L.
- Edinburgh Committee**, Report on action of mercury, podophylline and taraxacum on biliary secretion, 4, 180, 187-8, *rep.*
- Edinger, L.**, *Zwölf Vorlesungen über den Bau der nervösen centralorgane*, 1892. 26, 573, *rev.*
- Untersuchungen über die Vergleichende Anatomie des Gehirns*, 1st part, *Das Vorderhirn*, 1888; 2nd part, *Das Zwischenhirn*, Heft I, 1892. 27, 200, *rev.*
- Edinger, Tilly**, *Die Fossilen Gehirne*, 1929, reprinted from *Ergeb. Anatomie Entwicklungsges.* 1929, Bd. xxviii, Abth. III. 64, 254-6, *rev.*
- Edington**, Cysts of the median line of the neck, 39, 504, *rep.*
- on a classification of malformations of the penis, 43, 122, *rep.*
- A new inoculating syringe for bacteriological purposes, 25, ii, P. (SMS) (*t.o.*)
- Edington, G. H.**, The bile salts (glyco- and taurocholate of soda) in their relation to the secretion of urea, 30, 215-37
- Multiple malformations (genito-urinary and skeletal) occurring on one side of the body in a case of atresia ani, 38, 476-84
- Edlefsen, G.**, on collection of urine in bladder, 8, 421, *rep.*
- Edwards, A. M.**, on placenta and membranes of lemurs, 6, 440-1, *rep.*
- on the placenta in *Tamandu*, 7, 172, *rep.*
- on anatomy of the *Limulus*, 7, 338, *rep.*
- Recherches sur les enveloppes foetales du tatou à neuf bandes (Dasypus novemcinctus)*, Annales des Sciences Naturelles, VI ser., Tome VIII, no. IV. 14, 256-7, *rev.*
- , Deniker, J., Boulart, R., de Pousargues, E. & Delisle, F., *Observations sur deux Orang Outans adultes morts à Paris*, 30, 312, 314, *rev.*
- Edwards, D. A. W.**, The blood supply and lymphatic drainage of tendons, 80, 147-52; 80, 237-8, P.
- see also Davies, D. V.
- Edwards, H. C.**, Congenital displacement of the shoulder joint, 62, 177-82; 61, 489, P. (*t.o.*)
- Unilateral kidney of the discoid variety; Congenital deficiency of one kidney, with hydronephrosis of the other; Aberrant accessory ureter, 63, 162, P.
- Aberrant accessory ureter associated with hydronephrosis, 64, 94-6
- Edwards, H. Milne**, *Leçons sur la physiologie et l'anatomie comparée de l'homme et des animaux*, vol. ix, 1870. 4, 294, *rev.*; vol. x, part I, 1872. 7, 166, *rev.*; vol. x, 2nd part and vol. xi, 1st part, 1874. 9, 386, *rev.*; part II, vol. xi, 1875. 10, 437, *rev.*
- Edwards, R. G.**, see Crawford, G. N. C. & Alder, A. B.
- Edwards, W.**, see Ballance, C. A.
- Eggel**, on malformed thorax, one case, 4, 306, *rep.*
- Eggeston, A. A.**, see Wolff, D. & Bellucci, R. J.
- Egli, T.**, on glands in the pelvis of the kidney, 8, 175, *rep.*
- Ehlers**, on a new sponge, *Aulorhipis elegans*, 6, 449, *rep.*
- Ehlers, E.**, Epiphysis in brain of *Plagiostomata*, 13, 268 (*t.o.*); comment by Turner, 13, 284
- Ehrhardt**, On Sprengel's deformity, 40, 299, *rep.*
- Eichholz, A.**, A racial variation of the length of the palate process of the maxilla, 26, 538-42; 26, xxiv, P.
- Morphology of limb arteries in vertebrates, with especial reference to the disposition in the human subject, 27, 377-401; 27, xxxiv, P.
- Eichhorst**, on nerve degeneration and regeneration, 8, 400, *rep.*
- on development of the human spinal cord, 10, 446, *rep.*
- Eigenmann & Cox**, Duplicity in the upper limb in a frog, 36, 305, *rep.*
- & Kennedy, Abnormalities in fish, 39, 500-1, *rep.*
- Eimer**, on epithelial and gland cells in vertebrates 2, 173-4, *rep.*
- Eimer, T.**, on goblet-cells of the intestinal mucous membrane, 3, 202, *rep.*
- on snout of mole, 6, 443, *rep.*
- on the structure of ova in *Reptilia*, 6, 447, *rep.*
- Eisenberg, H. J.**, see Abramson, D. I.
- Eisenmenger**, see Buchheim
- Eisler, P.**, *Das gefäss und periphere Nervensystem des Gorilla*, 1890. 24, 611, *rev.*
- Accessory carpal bones, 34, 422, *rep.*
- El-Asfoury, Z. M.**, The innervation of the kidney, 85, 430, P.
- Elaut, L.**, The suprarenal and insulin, 61, 507-8, P.
- Demonstration of suprarenals and insulin, 61, 518, P.
- Elder**, on congenital absence of the radius and thumb, 33, 679 (*ref. only*)
- Elder, G.**, see Ballantyne, J. W.
- Elftman, H. & Manter, J.**, The evolution of the human foot, with especial reference to the joints, 70, 56-67
- Elin, E.**, nerve-endings in buccal mucous membrane, 6, 436, *rep.*
- Elisselewa, Ruban**, see Ruban-Elisselewa
- Elliot**, A case of dicephalus dibrachius (male) in Hindu child, 38, 365, P.
- Elliot Smith, G.**, see Smith, G. Elliot
- Elliot, R.**, Case of univentricular or tricoelium heart, 11, 302-6
- Elliott, D. H. & Crawford, G. N. C.**, The relationship between the size of muscles and their tendons in the adult rabbit, 97, 139, P.
- Elliott, H. Chandler**, *Textbook of neuroanatomy*, 1964. 99, 403, *rev.*
- Elliott, J. C.**, Application of infra-red spectroscopy to mineral systems with special reference to mammalian enamel, 95, 454, P.

Author Index

- Ellis's Anatomy*, revised and edited by J. A. Keen, 13th ed. 1946. 81, 367, *rev.*
- Ellis, F. G. & Joseph, J.**, Time of appearance of the centres of ossification of fibular epiphyses, 88, 533-6; 88, 583, *P.*
- Ellis, G. Viner**, *Demonstrations of anatomy*, 6th ed. 1869. 3, 444, *rev.*
- Ellis, H.**, *Clinical anatomy. A revision and applied anatomy for clinical students*, 1960. 95, 276-7, *rev.*
- & **McLarty, M.**, *Anatomy for anaesthetists*, 1963. 98, 282, *rev.*
- Ellis, R. A.**, *see* Montagna, W.
Montagna, W. & Silver, Alene, F.
Wislocki, G. B., Weiss, L. P. & Burgos, M. H.
- Ellis, T. S.**, *The human foot, its form and structure, functions and clothing*, 1889. 24, 614, *rev.*
- Ellison, J. P. & Williams, T. H.**, Variations in the sympathetic cardiac rami, 98, 683, *P.*
see also Williams, T. H.
- Eloff, F. C.**, On the relations of the human vomer to the anterior paraseptal cartilages, 86, 16-19
- El-Sheikh, A. S., Rasheed, A. A. & Amin, S. A.**, Histological changes in the foetal thyroid of the dromedary (*Camelus dromedarius*), 100, 831-7
- Elworthy, on abnormalities in the hepatic artery and the intestine supplied by it**, 25, vi, *P.*
- Elwyn, A. & Strong, O. S.**, *Bailey's Text-book of histology*, 8th ed. 1932. 67, 624, *rev.*
- Elze, C.**, *see* Braus, H.
- Emanuel, on three cases of congenital deformity of the heart**, 43, 120, *rep.*
on a rudimentary gall-bladder and absent bile-ducts, 43, 122, *rep.*
- Embleton, see** Lewis
- Embleton, D.**, Anomalies of arrangement, 6, 216-17
- Emery, C. Z.**, on cyclopia, 28, 372-3, *rep.*
- Emery, D'E.**, on precocious obesity and hirsuties and affections of the adrenals, 43, 116, *rep.*
- Emery, J. L.**, Postnatal changes in the lobulation and connective tissue of the pancreas, 85, 159-62
The distribution of haemopoietic foci in the infantile human liver, 90, 293-7
see also Macdonald, Morag S.
- Emin, A** case of a congenital muscular band in middle line of neck, 44, 100, *rep.*
Multiple congenital atresia of the digestive and urogenital tracts, 44, 104-5, *rep.*
- & **Rosik**, Congenital defect in the occipital bone, with elephantiasis-like foldings of the skin of the face and neck, 44, 98, *rep.*
- Emmel, V. E.**, *The B.N.A. arranged as an outline of regional and systematic anatomy*, 2nd ed., 1927. 62, 362-3, *rev.*
- Emminghaus, on the dependence of secretion of lymph on blood current**, 9, 231-2, *rep.*
- Emms, A** case of multiple malformations, newborn, 39, 500, *rep.*
- Emrys-Roberts, E.**, Partial thoracic and complete abdominal ectopia viscerum, 40, xiii, *P.*
The embedding of the embryo guinea-pig in the uterine wall and its nutrition at that stage of development, 44, 192-203
- & **Paterson, A. M.**, A case of ectopia viscerum, associated with spina bifida and other abnormalities, 40, 332-56
on a case of ectopia viscerum. . . 40, ix, *P. (t.o.)*
- Enders, A. C.**, Development and structure of the villous haemochorial placenta of the nine-banded armadillo (*Dasybus novemcinctus*) 94, 34-45
- Electron microscopic observations on the villous haemochorial placenta of the nine-banded armadillo (*Dasybus novemcinctus*) 94, 205-15
The structure of the armadillo blastocyst, 96, 39-48
see also Schlafke, Sandra
- Enein, Abo-El**, *see* Wyke, B.
- Engel, C. E.**, *see* Wendell-Smith, C. P. & Longmore, D. B.
- Engel, S.**, *The child's lung; developmental anatomy, physiology and pathology*, 1947. 81, 367, *rev.*
An investigation of the origin of the colostrum cells, 87, 362-6
Lung structure, 1962. 98, 140-1, *rev.*
Reconstruction of a lung from 12 mm. human foetus, 98, 300, *P. (dem. only)*
- Engelhardt, on movement of the iris**, 5, 212, *rep.*
on intermittent irritation of the retina, 5, 212, *rep.*
- Engelken, H.**, on electrical stimulation of anterior and posterior columns of the spinal cord, 2, 188, *rep.*
- Engelmann, on structure and contractions of the ureter**, 5, 218, *rep.*
on protoplasm, 5, 218, *rep.*
on opening and closing of electric currents, 5, 218, *rep.*
on electromotor phenomena in skin of frog, 6, 245, *rep.*
on movements in nerve fibres due to electrical stimulation, 7, 178, *rep.*
- Engelmann, G. J. & Place, T.**, on a method of preventing unipolar currents in irritation of the nerves, 3, 246-8, *n.*
- Engelmann, J. W.**, on contractility and double refraction, 10, 651, *rep.*
on the conduction of excitation in the heart, 10, 651-2, *rep.*
- Engelmann, T. H.**, on the terminations of the gustatory nerves in the tongue of the frog 2, 432-3, *n.*
on the seat of irritation in the muscular fibre on the closing and opening of a constant galvanic current 2, 435-6, *n.*
- Engelmann, T. W.**, Ciliary motion, 3, 249-50, *n.*
On ciliary motion, (Trans. and abs. by W. D. Moore) 3, 420-435
on the periodical development of gas in the protoplasm of living Arcellae, 4, 191-5, *n.*
on the peristaltic movement of the ureter, 4, 195, *n.*
on contratile glands of skin, 5, 406, *rep.*
on structure of striped muscle fibre, at rest and in contraction, 7, 328-9, *rep.*
Sur les phénomènes électriques du coeur à l'état d'activité, 14, 514-16, *anat. not.*
- & **Brakel, G. van**, on intestinal peristalsis, 5, 407, *rep.*
- Engeset, A.**, The route of peripheral lymph to the blood stream. An X-ray study of the barrier theory, 93, 96-100
Lymphatico-venous communications in the albino rat, 93, 380-3
- Englemann, see** Grünhagen
Schiß & Fuchs
- Englemann, M.**, on shortening of muscle and tendon, 8, 214, *rep.*
- Englemann, W.**, on contractility and double refraction, 11, 568, *rep.*
- Engström, see** Essen-Möller
- Enticknap, J. B.**, *see* Digby, K. H.
- Erb, W. E.**, on electrotonus in human nerves, 3, 213, *rep.*
on tetanus, with observations on testing the electrical excitability of motor nerves, 9, 245, *rep.*
on tendon reflexes, 10, 631-3, *rep.*
- Erbslöh, J.**, *Über die Röntgenologischen Darstellungsmöglichkeiten des Weiblichen Genitalapparates mit Hilfe von Jodöl und Jodsol*, 1951. 86, 82, *rev.*

Author Index

- Ercolani, on hermaphroditism in the eel, 7, 338, *rep.*
 Ercolani, G. B., on structure and function of placenta, 6, 439, *rep.*
 on formation of glandular portion of placenta, 6, 439-40, *rep.*
 on true hermaphroditism in eel, 6, 447-8, *rep.*
 on cases of diverticula of the urinary bladder, & double bladder, 7, 332, *rep.*
 on dilatation of urachus, 7, 332, *rep.*
 on placenta in the mammae, 8, 164-7, *rep.*
 on structure of the caduca uterina in two cases of extra-uterine pregnancy, 8, 393-4, *rep.*
 on histology of tendon, 10, 447, *rep.*
 on *monstrositas per inclusionem* in relation to a placenta, 10, 456, *rep.*
 Erdmann, L. C., on epithelial and gland cells in vertebrates, 2, 174, *rep.*
 Erlenmeyer, *see* Fick
 Erler, on excretion of CO₂ in relation to body temperature, 11, 199-200, *rep.*
 Ermano, on intra-uterine dislocation of humerus, 29, 467, *rep.*
 Ermerins, F. Z., Irradiation on symmetrical parts of the opposite side (Cases of contralateral reference of pain) 1, 176-8, *abs.*
 Erskine, C. A., Sections illustrating changes in the brain stem following intramedullary tractotomy, 81, 381, *P. (t.o.)*
 Erulkar, S. D., *see* Powell, T. P. S.
 Erwin, G. S., *see* Maxwell, E. V.
 Esbach, on quantitative estimation of albumin, 8, 421, *rep.*
 Escat, Four cases of congenital diverticula in urethra, 44, 103, *rep.*
 Escher, *see* Hermann
 Eschricht, on anatomy of various *cetacea*, 5, 384, *rep.*
 Eschweiler, on the comparative anatomy of the muscles and the topography of the middle ear, 33, 501, *anat. not.*
 Esoff, J., on urobilin in urine, 11, 567, *rep.*
 'Espinasse, P. G., The development of the hypophyseal portal system in man, 68, 11-18
 The oviductal epithelium of the mouse, 69, 363-8
 Essen-Möller & Engström, A case of double ovary, 36, 305, *rep.*
 Esser, C., *Topographische Ausdeutung der Bronchien im Röntgenbild mit Berücksichtigung der neuzeitlichen Nomenclatur*, 1951. 86, 333, *rev.*
 Esterhuizen, A. C., *see* Lever, J. D.
 Etemudi, A. A. & Davis, P. R., Observations on human spinal muscles and posterior primary rami, 97, 153, *P.*
 Etheridge, R., jun., & Bassett-Smith, P. W., on Australian aborigines, in *J. Anthropol. Inst.*, May, 1894. 29, 144, *rev.*
 Etzinger, J., on digestibility of gelatine-yielding tissues, 9, 428-9, *rep.*
 Eulenberg, on effect of sulphate of quinia [quinine sulphate] in frog 2, 185, *rep.*
Diseases of the nervous system considered physiologically, 1871. 6, 223, *rep. (t.o.)*
 on effect of intrapolar distance on electrical stimulation of nerve, 7, 179, *rep.*
 on the effects of anaesthetics on different reflex phenomena, 16, 142-3, *rep.*
 — & Guttman, on actions of potassium bromide in animals, 2, 182-3, *rep.*
 — & Landois, on vasomotor apparatus of the cerebrum [cerebral cortex] 11, 184-5, *rep.*
 — & Vohl, measurement of gases in blood, 2, 427, *rep.*
 Eulenberg, A., on physiology and pathology of the cerebral cortex, 11, 542, *rep.*
 — & Landois, L., on the thermal effects of operations on the nervous systems and their relation to vasomotor nerves, 11, 545, *rep.*
 Eurich, F. W., Contributions to the comparative anatomy of the neuroglia, 32, 688-708
 Eustache, G., A case of janiceps, 34, 415, *rep.*
 Evans, C. A. Lovatt, *see* Carlier, E. Wace,
 Evans, D. A., Garnett, R. & Yoffey, J. M., Thoracic duct lymph flow and lymphocytes primary hypoxia and rebound, 99, 207, *P.*
 Evans, D. H. L., Endings produced by somatic nerve fibres growing into the adrenal gland, 81, 225-32; 81, 376, *P.*
 Some problems in enteric innervation, 83, 59, *P.*
 An investigation of the distribution of medullated fibres in the vagus nerve of the rabbit, 84, 73-4, *P.*
 Observations on the nature of peripheral influences producing maturation of regenerating muscle nerve fibres, 86, 477, *P.*
 — & Evans, E. M., The membrane relationships of smooth muscles: an electron microscope study, 98, 37-46
 — & Hamlyn, L. H., A study of fibre degeneration methods in the nervous system, 89, 572, *P.*
 A study of silver degeneration methods in the central nervous system, 90, 193-203
 — & Murray, J. G., Histological and functional studies on the fibre composition of the vagus nerve of the rabbit, 88, 320-37
 Regeneration of non-medullated nerve fibres, 88, 465-80
see also Abercrombie, M. & Murray, J. G.
 Cragg, B. G. & Hamlyn, L. H.
 Murray, J. G.
 Evans, E. G., The mechanism of suckling, 85, 414, *P.*
 Evans, E. Gwynne & Tulley, W. J., The orofacial muscles and dental alignment, 89, 557, *P.*
 Evans, E. M., *see* Evans, D. H. L.
 Evans, F. Gaynor, *Stress and strain in bones. Their relation to fractures and osteogenesis*, 1957. 92, 169-70, *rev.*
 editor, *Biomechanical studies of the musculo-skeletal system*, 1961. 96, 542, *rev.*
 Evans, H. E., *see* Miller, M. E. & Christensen, G. C.
 Evans, W. E. D., *The chemistry of death*, 1963. 98, 460-1, *rev.*
 Evatt, E. J. (R.), The cameragraph, a drawing apparatus, 42, 335-6
 Development and evolution of the papillary ridges on the volar surfaces of the hand, 40, xvii, *P. (t.o.)*
 The development and evolution of the 'papillary' ridges and patterns on the volar surface of the hand, 41, 66-71; 40, xii, *P. (t.o.)*
 A method for determining the position of the base of the eye-socket, 41, 304-7
 A contribution to the development of the prostate in man, 43, 314-21
 on a cameragraph, 43, July 1907, ii, *P. (t.o.)*
 Development of the prostate, 43, iv, *P.* (November 1908) *(t.o.)*
 A contribution to the development of the prostate gland in the human female, and a study of the homologies of the urethra and vagina of the sexes, 45, 122-30
 Evatt, E. J. R., Origin and morphology of the basement membrane, 61, 503, *P. (t.o.)*
 The nutrient foramina of the longer bones, 61, 511-12, *P.*
 Demonstrations: Long bones showing two centres of ossification and two nutrient foramina: The development and morphology of the basement membrane, 63, 176, *P. (t.o.)*

Author Index

- Evatt, E. J. R.**, Lymphatic system and vitreous body of the eye, 66, 140, *P.*
 Early stages of development of the lymphatic system, 70, 196, *P. (t.o.)*
 The bregma as a central point for cranial measurements, 74, 139, *P. (t.o.)*
 Abnormal pars basilaris of occipital bone. Abnormal acromion, 74, 143, *P. (dem.)*
 Unusual ossification of the manubrium sterni, 80, 215, *P.*
- Eve, F.**, Note on a specimen of absence of the parts developed from the first visceral arch on one side in a lamb (semi-agnathia or synotia) 17, 495-7
- Everall, J.**, *see* Breathnach, A. S.
 Breathnach, A. S. and Birbeck, M. S.
- Everett, Janet**, The influence of oestrogens and progesterone on endometrium in organ culture, 97, 149-50, *P.*
 Mitotic activity of foetal uterine epithelium in organ culture, 97, 637, *P.*
- Everett, N. B.**, *see* Osmond, D. G.
 Yoffey, J. M. & Reinhardt, W. O.
- Everidge, J.**, An aberrant pancreatic bud in the wall of the jejunum, 59, 60, *S.P.*
- Ewald**, on independence of nerve excitability upon oxygen, 4, 324, *rep.*
 on analysis of blood gases in apnoea, 8, 204, *rep.*
 on experimental induction of glycosuria, 8, 421, *rep.*
- Ewald, A.**, on fermentation in the stomach and formation of gases, 9, 426, *rep.*
- Ewald, A. C.**, on carbonic acid in urine in fever, 8, 421, *rep.*
 on gases in human transudates, 9, 227-8, *rep.*
- Ewald, W.**, on congenital hypertrophy of left hand, 7, 332, *rep.*
- Ewart, J. C.**, Preliminary note on an epithelial arrangement in front of the retina and on the external surface of the capsule of the lens, 8, 353-7
 Notes on the minute structure of the retina and vitreous humour, 9, 166-8
 On a large organised cyst in the sub-dural space, 9, 364-7
 Note on the abdominal pores and urogenital sinus of the Lamprey, 10, 488-93
 The fecundity and placentation of the Shanghai river deer, 12, 225-8
 On valvular structures in the umbilical arteries, 12, 229-31
 On vascular peribranchial spaces in the lamprey, 12, 232-6
 On the spiracles of the Porbeagle shark, 24, 227-9
 The development of the skeleton of the limbs of the horse, with observations on polydactyly, 28, 236-56; 28, 342-69
- & **Thin G.**, On the structure of the retina, 11, 96-108
see also Chiene
 Thin, G.
- Ewing, A. W. G.**, *Aphasia in children.* 1930. 65, 279-80, *rev.*
- Exner**, on time needed for visual perception, 4, 328, *rep.*
 on production of ammonia in putrefying blood, 6, 247-8, *rep.*
 on the physiological action of iridectomy, 7, 344, *rep.*
- Exner, S.**, on investigation of psychical processes, 8, 399, *rep.*
 on the crossing of the trochleares, 10, 204, *rep.*
 experimental investigations into physical processes, 10, 626, *rep.*
- Eyton, T. C.**, *Osteologia avium*, 1867. 2, 391, *rev.*
- Ezn, H. Sanders**, Paths of conduction in the spinal cord of sensory impressions, 1, 367, *abs.*
 on reflexes of the lumbar portion of the spinal cord, 3, 210, *rep.*
 on movements of intestines, uterus and bladder, 6, 242-3, *rep.*
- Faber, C.**, on red blood corpuscles, 8, 403, *rep.*
- Faber, J.**, *see* Nieuwkoop, P. O.
- Fabricius of Aquapendente, H.**, *De venarum ostiolis*, 1603, edited by K. J. Franklin, 1933. 69, 397, *rev.*
- Fabrikant, J. I. & Roylance, P. J.**, Cinefluorographic anatomy of the larynx and hypopharynx, 99, 209, *P.*
- Fahmy, N.**, A note on the intracranial and extracranial parts of the IXth, Xth and XIth nerves, 61, 298-301
- Fahrenbach, E.**, On hare-lip, 31, 458, *rep.*
- Fahrer, M.**, Two cases of radial nerve traversed by the subscapular artery, 98, 485-6, *P.A.S.A.N.Z.*
- Fairbank, On Sprengel's deformity**, 39, 507, *rep.*
- Fairbank, H. A. T. (later Sir Thomas)**, Coxa vara due to congenital defect of the neck of the femur, 62, 232-7
An atlas of general affections of the skeleton, 1951. 86, 232, *rev.*
- Faisnel**, on absence of sterno-cleido-mastoid and platysma, 33, 681 (*ref. only*)
- Falck**, on urea excretion after injection into blood, 6, 465, *rep.*
 on excretion of sodium phosphate after injection into blood, 6, 467, *rep.*
 on sodium chloride, 7, 350, *rep.*
 on effects of intravenous injection of water on urine, 7, 355, *rep.*
 on physiology of water, 8, 204-5, *rep.*
 on toxic effects of intravenous injection of sodium chloride, 8, 219-20, *rep.*
- Falck, F.**, on digestion and absorption in the large intestine, 10, 647, *rep.*
- Falck, F. A.**, on excretion of urea in fatal starvation, 9, 439-40, *rep.*
- Falconer**, on a case of congenital diverticula of the pyloric canal and duodenum, 43, 121, *rep.*
- Falconer, M. A.**, *see* Weddell, G.
- Falk**, Abnormalities of the skull, 1 specimen, 44, 98, *rep.*
- Falk, E.**, on supernumerary ovary, 26, 436, *rep.*
 on non-coagulability of capillary blood, 8, 406-7, *rep.*
see also Kronecker, H. & Meltzer, S.
- Fänge, Ragnar**, *see* Brodal, Alf.
- Fankhauser, R.**, *see* Frauchiger, E.
- Fantham**, Hermaphroditism in *Testudo graeca*, 40, 294, *rep.*
- Farin, I.**, *see* Spira, E. & Karplus, H.
- Farmer**, Demonstrations of double inferior vena cava and 2 temporal bones, 31, 1, *P.*
- Farquharson, W. F.**, Case of left kidney displaced and immovable, 28, 303-4
- Farr**, on food solvents, 6, 460, *rep.*
- Farrington, G. H.**, *see* Atwell, J. D.
- Faure**, on the effects of chloroform on blood and tissues, and carbon oxide gas used in anaesthesia, 2, 184, *rep.*
- Faure, J. L.**, on thyroglossal cyst, 1 case, 28, 374, *rep.*
- Fawcett, E.**, The relation of the dura mater surrounding the inferior maxillary nerve to the temporo-maxillary articulation, 27, 179-80
 The left phrenic nerve with abnormal course relative to the subclavian vein, 28, 464, *anat. not.*

Author Index

- Fawcett, E., An osteal outgrowth from the shaft of the femur consequent on irritation by a needle, 28, 464, *anat. not.*
- A unusual mode and site of termination of the right sacral sympathetic cord, 29, 329
- The structure of the inferior maxilla with special reference to the position of the inferior dental canal, 29, 355-66, errata page 500
- The morphology of the oblique radio-ulnar ligament, 29, 494-7
- An unusually large terminal vermiform appendix, with recurved small conical caecum; accompanied by some remarks on the peritoneal pouches, 29, 498-500
- The origin and intra-cranial course of the ophthalmic artery, and the relationship they bear to the optic nerve, 30, 49-52
- The retinacula of Weitbrecht. What is their function? 30, 53-8
- An interesting abnormality of the hepatic artery, with explanation of the condition, 30, 206-8
- What is Sibson's muscle (scalenus pleuralis)? 30, 433-6
- On the sesamoid bones of the hand: a skiagraphic confirmation of the work done by Pfitzner, 31, 157-61
- on 2 cases of levator claviculae and 1 of long accessorius to peroneocalcaneus internus, 31, xxxiv, P.
- Some points concerning the mounting of dissections in basins, 32, 768-74
- A persistent cardinal vein (left), with remarks on the neighbouring veins, 32, xlii-iv, P.; A persistent thymus, 32, xlv, P.
- on the articulations of the 5th and 6th rib cartilages, 33, 350 (*ref. only*)
- The frequency of an opening between the right and left auricles at the seat of the foetal foramen ovale, 35, 67-70
- Exhibition of a skull in which was present on both sides a well-developed petro-squamous sinus, 38, xxv, P.
- An abnormally running infra-orbital nerve, 38, xxv-xxvii, P.
- The presence of two centres of ossification in the olecranon process of the ulna, 38, xxvii, P.
- Abstract of a paper on ossification of the lower jaw of man, 39, 494-5
- The early stages of the ossification of the pterygoid plates of the human sphenoid, 39, vi-vii, P.
- Ossification of lower jaw of man, 39, xlvii-xlviii, P.
- The circle of Willis, an examination of 700 specimens, 40, 63-9
- On the development, ossification and growth of the palate bone of man, 40, 400-406; 40, xiii-xiv, P.
- The ossification of the upper jaw, 40, xiii-xiv, P. (*t.o.*)
- Specimens showing ossification (hip-bone, sacrum, 5th lumbar vertebrae, patellae) 40, xv-xvi, P.
- Exhibition of specimens and lantern slides, 41, i-ii, P. (June 1906) (*t.o.*)
- Ossification of the sphenoid, 41, viii, P.
- Models of developing skull bones, 43, i, P. (June 1908) (*t.o.*)
- Development of the upper jaw and the sphenoid bone, 43, iii, P. (July 1907) (*t.o.*)
- on the development of the human sphenoid, 44, 109-110, *anat. not.*; 44, 207-22
- Model of shoulder girdle of 19 mm. human embryo with ossification of clavicle, 44, 110, *anat. not.*
- Description of a reconstruction of the head of a thirty-millimetre embryo, 44, 303-11
- on the development of the sphenoid in man, 44, ii, P. (*t.o.*)
- model of the chondrocranium in a human embryo and particulars relating to Patrick Cotter, the Irish Giant, 44, iii, P. (*dem.*)
- Some notes on the epiphyses of the ribs, 45, 172-8
- Notes on a new rectangular block trimmer, 45, 179-80, *anat. not.*
- Variations of the ulna, 45, 180-1
- The development of the human maxilla, vomer and paraseptal cartilages, 45, 378-405
- Brain with an enormously enlarged claustrum, 47, 116-18, *anat. not.*
- The development and ossification of the human clavicle, 47, 225-34
- A new roller for making wax plates, 48, 461, *anat. not.*
- The internal mammary artery arising from the thyroid axis, 49, 343-4, *anat. not.*
- Demonstration of models of developing chondrocrania, 51, 1, 7, 12 & 14-22, P. (December 1915, June & December 1916)
- The primordial cranium of *Microtus amphibius* (water-rat), as determined by sections and a model of the 25-mm. stage, with comparative remarks, 51, 309-59
- The primordial cranium of *Erinaceus europaeus*, 52, 211-50
- The primordial cranium of *Poecilophoca weddelli* (Weddell's seal) at the 27-mm. C. R. length, 52, 412-441
- The primordial cranium of *Miniopterus schreibersi* at the 17 millimetre total length stage, 53, 315-48
- The os septo-maxillare of *Tatusia novemcincta*, 53, 349-50
- The primordial cranium of *Tatusia novemcincta* as determined by sections and models of the embryos of 12 millimetre and 17 millimetre C. R. length, 55, 187-217
- The primordial cranium of *Xerus* (spiny squirrel) at the 17 and 19 millimetres stages, 57, 221-37; 59, 16, S.P.
- Some observations on the roof of the primordial human cranium, 57, 245-50
- Primordial cranium of *Tatusia novemcincta*, 10-mm. stage, 59, 28-9, S.P.
- Mallory's stain, 59, 29-30, S.P.
- Model showing trabeculae of *Tatusia*, 59, 62, S.P. (*t.o.*)
- New method for staining of cartilage, 59, 62, S.P.
- The primordial cranium of *Gerbillus* (Jerboa), 63, 159, P.
- Demonstration: methods for identification of separate cervical and lumbar vertebrae, 63, 165, P. (*t.o.*)
- A model of the left half of the human mandible at the 17 mm. C. R. stage, 64, 369-70
- Model of lower jaw and adnexa of 17 mm. human embryo, 65, 163, P. (*t.o.*)
- A note on the identification of the lumbar vertebrae of man, 66, 384-6
- Reconstruction models of the crania of two South American monkeys, *Myetes seniculus* and *Cacajás melanocephala*, 67, 194, P. (*disc. only*)
- The squamo-mastoid suture, and the independence of the squamo-zygomatic in the adult, 70, 193, P. (*t.o.*)
- Sexing of the human sacrum, 72, 633, *anat. not.*
- A complete common paraseptal cartilage in a primate, 77, 176-8
- & Blachford, J. V., Observations on the appendix, 34, xx-xxiv, February 1900
- Some observations on the level at which the lower border of the third part of the duodenum crosses the vertebral column, 38, 435-7
- Congenital malformations of the ear, 40, 298, *rep.*

Author Index

- Fawcett, E., Llewelyn, Miss & Dobson, Mrs.**, demonstration of models of primordial crania, 61, 516-17, P.
- Faye**, Remarks upon the proportion of males to females in Sweden, 1, 363, *abs.*
on investigations respecting the use and value of our farinaceous aliments, 2, 194, *abs.*
- Fearnhead, R. W.**, The submicroscopic components of developing dental enamel in the rat, 93, 568, P.
Secretory products of ameloblasts, 93, 578, P.
Histological evidence for the innervation of human dentine, 91, 267-77; 90, 575, P.
Observations on the submicroscopic structure of enamel matrix in the developing teeth of young rats, 91, 610, P.
Knife edges suitable for ultra-microtomy of hard tissues, 92, 636, P.
The innervation of tooth germs in man, 95, 455, P.
- **& Linder, J. E.**, Observations on the silver impregnation of nerve fibres in teeth, 90, 228-35
see also Boyde, A. & Switsur, V. R.
- Feinberg**, on vascular and nervous results of suppression of perspiration by varnishing, 8, 182-3, *rep.*
on effects of mechanical, chemical and electrical irritation of the skin on the animal organism, 11, 566, *rep.*
- Feindel, W. H.**, The significance of multiple innervation of cutaneous pain 'spots' in relation to the quality of pain sensibility. I. Physiological observations, 81, 388-9, P.
The pattern of innervation in the muscle-spindle of the rabbit, 83, 56, P.
The neural pattern of the epiglottis, 84, 64, P.
- **& Allison, A. C.**, Intravital methylene blue as a method for staining degenerating fibres in the central nervous system, 83, 78, P.
- **, Hinshaw, J. R. & Weddell, G.**, The pattern of motor innervation in mammalian striated muscle, 86, 35-48
see also Weddell, G. M. & Sinclair, D. C.
- Feinstein, B.**, The pattern of innervation of voluntary muscle, 80, 218, P.
- Feldmaier, H.**, A case of hermaphroditism, 36, 299, *rep.*
- Fell, Honor B.**, The osteogenic capacity *in vitro* of periosteum and endosteum isolated from the limb skeleton of fowl embryos and young chicks, 66, 157-80
- Fell, W. A.**, Reconstruction of the pharynx and adjoining parts of a 16.5 mm. human embryo, 69, 152, P. (*dem.*)
A method for the orientation of reconstruction models, 70, 278-82
The effect of sympathectomy on size of Haversian canals in the cat, 83, 67-8, P.
see also Beer, G. R.
- Fels, E.**, *Das Hormon des Corpus Luteum (Biologie, Chemie und Klinik)* 1937. 71, 551, *rev.*
- Feltz, V.**, on passage of blood corpuscles through walls of blood vessels, 4, 302, *rep.*
on absorptive properties of medullary tissue of bones, 7, 167, *rep.*
On the power of compressed oxygen to deprive blood of its septic condition, 13, 264, *rep.*
- **& Ritter**, on physiological actions of bile derivatives, 5, 207, *rep.*
on action of chloral in blood, 9, 221, *rep.*
on influence of injections of bile on the organism, 9, 239, *rep.*
on the alkalinity of urine, 9, 241, *rep.*
on action of chloral on the blood, 9, 416, *rep.*
on influence of injections of bile, 9, 435, *rep.*
on action of bile on the organism, 10, 650, *rep.*
on appearance of salts in blood and bile in certain kinds of poisoning, 11, 565, *rep.*
- Fenner, F.**, The mid-dorsal hair whorl in an Australian of European ancestry, 76, 356-8
- Fenton, W. J.**, *see* Rolleston, H. D.
- Fenwick**, on clinical notes on the rectal contour and consistence of a thousand prostate glands, 33, 505 (*ref. only*)
- Fenwick, E. Hurry**, The venous system of the bladder and its surroundings, 19, 320-7
- Féré, effects of chloroform, turpentine, essential oils, tobacco on development of eggs, 29, 464, rep.**
A case of bilateral absence of the sterno-costal portions of the pectoralis major, 37, 309, *rep.*
on a case of digitus minimus valgus, 42, 139, *rep.*
on bony enlargement of the spine, 43, 123, *rep.*
- Féré, C.**, Topography of the brain in relation to surface anatomy, 13, 266 (*t.o.*); comment by Turner, 13, 272
on partial congenital absence of pectoralis major with absence of pectoralis minor, 1 case, 27, 424-5, *rep.*
La famille teratoplastique, 30, 451, *rep.*
Teratoplastic family, 30, 451-2, *rep.*
Infantilism, feminism and virilism, 30, 452, *rep.*
Contribution à l'étude des equivoques des caractères sexuels accessoires, 30, 452-3, *rep.*
Experiments on eggs, 30, 453-4, *rep.*
Experiments with essences, acetone and alcohol with eggs, 31, 456, *rep.*
Teratological stigmata in 194 deaf-mutes, 31, 456, *rep.*
Subluxation of the hand forwards, 31, 463, *rep.*
Experiments with fowls' eggs, 32, 780, *rep.*
History of a family with similar malformations, 32, 782, *rep.*
Development of the embryos in double-yolked eggs, 32, 783-4, *rep.*
Occipital vortex of the hair, 32, 788, *rep.*
Results of exposing incubating eggs to vapours of alcohol, 34, 411, *rep.*
Development of embryos in double-yolked fowl's eggs, 34, 413, *rep.*
Experiments with eggs, 35, 497, *rep.*
Arrest of development in the area opaca in the chick, 35, 499, *rep.*
Amnion and separation of parts of foetal body, 35, 499, *rep.*
The results of injection of antipyrine into eggs, 36, 296-7, *rep.*
Demonstration of grafts of embryonic tissue to hen, 38, 260, P.
A case of crossed ischiopagus, 38, 365, P.
Pain simultaneously occurring in twins, 40, 296, *rep.*
- **& Lutier, A.**, Grafting embryos beneath skin of living fowls, 36, 296, *rep.*
- **& Perrin**, Malformation of the fingers, 40, 300, *rep.*
- **& Pettit, L. A.**, The structure of experimentally produced teratomata, 36, 296, *rep.*
- Feremutsch, K.**, *Thalamus (Primatologia, Band II, teil 2, Lief. 6)* 1963. 97, 465, *rev.*
- Ferguson**, *see* Cowan
- Ferguson, F. R.**, Roentological injection masses—old and new, 59, 297-300
- Ferguson, J.**, The auditory centre, 25, 292-3
- Ferguson, M. M.**, Hydroxysteroid dehydrogenases in the ovary, 99, 926, P.
Histochemical evidence suggesting steroid excretion in the nephron, 100, 431, P.
see also Hart, D. M. *et al.*

Author Index

- Ferguson, W. J., *see* Thompson, A. R. & Miller, J. A. W.
- Fergusson, Alison M., Studies of the renal blood supply in foetal and neonatal animals, 86, 144-51
see also McDonald, D. A. & Helps, E. P. W.
- Fernán-Núñez, M. *revisor*, *Histology* (Ramon y Cajal, trans. by Tello-Muñoz) 10th ed. 1933. 68, 429, *rev.*
- Fernand, V. S. V. & Young, J. Z., The composition of muscle nerves, 84, 402, P.
- Ferner, H., *Das Inselsystem des Pankreas*, 1952. 87, 326, *rev.*
- Ferrari, on the parathyroid glands, Thesis, Geneva, 1898. 33, 684 (*l.o.*)
- Ferrier, D., Experimental researches in cerebral physiology and pathology, 8, 152-5, *abs.*
on movements and surface of the brain (add to ref. p. 152) 8, 179, *rep.*
on localization and function of the brain, 9, 208-9, *rep.*
on function of the brain, 11, 542, *rep.*
- & Brunton, T. Lauder, Report on the progress of physiology, 5, 396-411; 6, 218-48, 472-90
- & Turner, W. Aldren, Experiments illustrative of the symptomatology and degenerations following lesions of the cerebellum and its peduncles and related structures in monkeys, in *Proc. R. Soc., Lond.*, 1893, November 30th. 28, 382-4, *rev.*
An experimental research upon cerebro-cortical afferent and efferent tracts, 31, 627-9
see also Brunton, T. Lauder
- Fessard, D. Albe-, *see* Albe-Fessard, D.
- Fetscher, E., *see* Poller, E. B. von
- Fiaux, L., on the mechanism of deglutition, 10, 647, *rep.*
- Ficai, on a case of congenital amputation of fingers and toes combined with syndactyly, 42, 138, *rep.*
- Fick, on stimulation of nerve by induced currents, 2, 189-90, *rep.*
on effect of electrical stimulation on anterior columns of the spinal cord, 4, 323, *rep.*
on rapidity of blood current in human arteries, 4, 324, *rep.*
on electrotonus, 4, 324, *rep.*
on elasticity of muscles, 6, 239, *rep.*
on pepsin digestion and derivatives of, 6, 460, *rep.*
on a pneumograph, 7, 348, *rep.*
on measurement of muscular power, 7, 357, *rep.*
on electrical stimulation of nerves, 8, 186, *rep.*
on the variation of the blood-pressure in different parts of the circulatory system, 8, 189, *rep.*
on stomach ferment of cold-blooded animals, 8, 207, *rep.*
on blood-pressure in heart and arteries, 8, 402, *rep.*
on colour blindness, 9, 219, *rep.*
- & Böhn, on action of veratria on muscular fibre, 8, 213, *rep.*
- & Erlenmeyer, on postulated presence of inhibitory fibres in nerves of skin, 5, 209-10, *rep.*
- & Wislicenus, on the source of muscle power, 1, 158, *rep.*
see also Dybkowsky,
- Fick, A., *Compendium der Physiologie der Menschen*, 2nd ed, 1874. 9, 248, *rep.* (*notice*)
on transverse conduction of currents through nerves, 11, 544, *rep.*
- Fick, R., on sternalis muscle, 26, 441, *rep.*
- Field, E. J., The early development of the sheep heart, 80, 75-87; 80, 229, P.
Observations on the development of the conducting system of the sheep heart, 81, 392-3, P.
The nervous component of the atrioventricular bundle, 85, 105-12; 84, 65, P.
- Observations on the neural transmission of herpes and rabies viruses, 85, 411-12, P.
- Observations on microglia: the relation between nerve cell damage and microglial reaction, 86, 483-4, P.
- Observations on the nervous component of the atrioventricular bundle in the cat, and on the innervation of the myocardium, 87, 451-2, P.
- Observations on the development of microglia, 87, 439, P.
- Observations on reaction of the mouse brain to trauma and a note on the influence of cortisone, 88, 556, P.
- Observations on the development of microglia together with a note on the influence of cortisone, 89, 201-8
- Some morphological effects of large doses of cortisone in the rabbit with special reference to the thymus and appendix, 90, 428-39
- The effect of large doses of cortisone on the neonatal rat, 91, 278-85; 89, 559, P.
- Demyelinating activity of some organophosphorus compounds and a note on Marchi staining of sciatic nerves, 91, 576-7, P.
- Observations on the Marchi method, 91, 611-12, P.
- The effects of adrenalectomy on the anterior lobe of the pituitary gland of the rat, 92, 137-42
- & Brierley, J. B., The lymphatic drainage of the spinal nerve roots in the rabbit, 82, 198-206; 83, 76, P.
- , Grayson, J. & Rogers, A. F., The effect of activity on the blood flow in the spinal cord, 84, 402, P.
see also Brierley, J. B.
- Brierley, J. B. & Yoffey, J. M.
- Field, Madeleine E., *see* Drinker, C. H.
- Fielding, Una, The brain of *Notoryctes typhlops*, 60, 464, P.
Thalamus of *Notoryctes*, 72, 157-8, P.
see also Popa, G. T.
- Fieux, A case of intra-uterine amputation of the right forearm, 38, 370, *rep.*
- Fife, F. W., Ciné film endless-strips in research and teaching (Fyfe) 88, 586, P.
- Filehne, W., on comparison of electrotherapeutic and physiological methods of stimulation of nerves, 5, 398-9, *rep.*
on the law of contraction [?conduction] in dying nerves, 7, 344, *rep.*
on the form of contraction in the so-called transverse conduction in frog's nerve, 8, 186, *rep.*
on form of the curve in the so-called transverse conduction in the nerves of frog, 8, 400, *rep.*
on effect of CO₂ upon apnoea, 8, 409, *rep.*
on the action of musk, 11, 570, *rep.*
on the physiological action of nitro-pentans, -aethans and -methans, 11, 570, *rep.*
- Findlay, on the histology of the choroid plexus, 33, 684 (*ref. only*)
- Findlay, J. A., Apparatus for selecting and measuring cell inclusions from electron micrographs, 99, 213-14, P. (*dem.*)
- , Gill, J. R., Irvine, G., Lever, J. D., & Randle, P. J., Cytological changes within β -cells of the rabbit pancreas stimulated in vitro. A quantitative study, 100, 688, P.
- & Lever, J. D., Blood sugar levels and β -cell appearances in the guinea-pig pancreas, 97, 304-5, P.
Quantitative studies on β -granules in the guinea-pig pancreas, 97, 620, P.
see also Lever, J. D.
- Lever, J. D., Findlay, J. A., Randle, P. J. & Gill, J. R.

Author Index

- Findlay, J. Wainman**, A research into the histological structure of the olfactory organ, 28, 387-400
- Findlayson**, Complete absence of the right lung, bronchus and pulmonary vessels in a recently born child, 36, xxxviii, P.
- Fine, H. & Keen, E. N.**, The arteries of the human kidney, 100, 881-94
- Finean, J. B.**, X-ray diffraction and electron microscope studies of the molecular structure of nerve myelin, 93, 577, P.
- Finet**, on interventricular defect of septum (Fallot's tetralogy) 29, 466, *rep.*
- Finger, W.**, on mode of termination of the sensory nerves in the mucous membrane of the glans penis and clitoris, 1, 356, *rep.*
- Fink, G.**, Nerve fibres in deciduous and non-deciduous uteri, 98, 486-7, P.A.S.A.N.Z.
- Finkam**, on termination of nerves in great omentum, 9, 204, *rep.*
- Finlayson**, on temperature variations in healthy children, 4, 191, *rep.*
- Finney, J. M.**, on antagonism between atropia and morphia, 7, 198, *rep.*
- Finzi**, see Eccles, W. M'Adam
- Fiori**, A case of a branchial cyst, 44, 100, *rep.*
- Fischer**, on the lower jaws of a cachalot, 2, 402, *rep.*
on cetacea, *Grampus griseus*, 3, 204, *rep.*
on trophic lesions, 6, 222, *rep.*
on *Balaena biscayensis*, 6, 445, *rep.*
on vena azygos cutting off a lobe of the lung, 33, 682, (*ref. only*)
see also Delfortie
- Fischer, E.**, Azygos lobe of right lung, 34, 419, *rep.*
- Fischer, P.**, on the sperm whale, 7, 173, *rep.*
on *Globiocephalus macrorhynchus* and *edwardsi*, 7, 336, *rep.*
- Fish, E. W.**, *Principles of full denture prosthesis*, 1933. 68, 577, *rev.*; 3rd ed., 1937. 72, 136, *rev.*
- Fisher, A. G. Timbrell**, A case of complete absence of both internal carotid arteries, with a preliminary note on the developmental history of the stapedia artery, 48, 37-46
- Fisher, A. W. F.**, The trachealis muscle, 97, 139-40, P.
The nervous end-formations in the tracheo-bronchial tree of primates, 97, 300, P.
The intrinsic innervation of the trachea, 98, 117-24
Esterase activity in the inferior vagal (nodose) ganglion of the rat, 98, 465, P.t
Acid phosphatase activity in the inferior vagal ganglion, 99, 925, P.
- , **Birks, E. I. & Anderson, R. H.**, Monoamine oxidase activity with the cardiac plexuses, 97, 616-17, P.
- & **Bulmer, D.**, An investigation of the staining characteristics of the human adenohypophysis, 97, 640-2, P.
- & **Sutherland, S. D.**, A preliminary communication on the histochemistry of the developing human adenohypophysis, 97, 155, P.
Indoxyl esterase in the nervous system of the monkey, 99, 215-17, P. (*dem.*)
Organophosphate-resistant esterase, acid phosphatase and β -galactosidase activities in the inferior vagal (nodose) ganglion and dorsal vagal nucleus of the monkey following cervical vagotomy, 99, 585-93
see also Thurston, H.
- Fisher, C. & Ranson, S. W.**, On the so-called sympathetic cells in the spinal ganglia, 72, 1-10
- Fisher, R. B. & Parsons, D. S.**, The gradient of mucosal surface area in the small intestine of the rat, 84, 272-82
- Fisk, A.**, The early development of the acoustico-facialis complex of ganglia in a lamprey, 87, 446, P.
Cautery experiments on the development of the acoustico-facialis ganglion of *Lampetra*, 91, 568, P.
- Fisk, Miss O. G. & Potter, Miss O. G.**, Note on a case of defective development of the diaphragm, accompanied by stenosis of the anal canal, 53, 26-31
- Fison, J.**, The relative positions of the optic disc and macula lutea to the posterior pole of the eye, 54, 184-8
- Fitzgerald**, on anomalies of the orbital muscles, 33, 681 (*ref. only*)
- Fitzgerald, D. P.**, The pituitary fossa and certain skull measurements, 44, 231-3; 44, iii, P. (*t.o.*)
Anomalies of the articular and mamillary processes of the vertebrae and their significance, 47, 510-12, *anat. not.*
- Fitzgerald, M. J. T.**, The occurrence of a middle superior alveolar nerve in man, 90, 520-2; 90, 586-7, P.
- A case of isolated laevocardia with stitus inversus viscerum, 93, 570, P.
- Dynamic changes at sensory nerve terminals, 93, 584, P.
- The innervation of growing epidermis, 95, 282, P.
Developmental changes in epidermal innervation, 95, 495-514
- On the structure and life history of bulbous corpuscles (*corpuscula nervorum terminalia bulboidea*), 96, 189-208
- The postnatal growth of the nerves of vibrissae, 96, 521-5
- Transmedian cutaneous innervation, 97, 313-22; 97, 150, P.
- Silver-staining of peripheral nerve fibres in frozen section, 97, 623, P.
- & **Law, M. E.**, The peripheral connexions between the lingual and hypoglossal nerves, 92, 178-88; 91, 613, P.
- Fitzgerald, R. R.**, A case showing the chondro-epitrochlearis muscle, 70, 273-4
- Fitzsimons**, Plication of the small intestine within a single mesentery, 70, 201-2, P.
- Fitzwilliams, D. C. L.**, on the morphology of the clavicle and coracoid, 44, ii, P. (*t.o.*)
- Fitzwygram, F.**, *Horses and stables*, 1869. 4, 293-4, *rev.*
- Flack, M.**, see Keith, A.
- Flechsig, P.**, *Die Leitungsbahnen im Gehirn und Rückenmark des Menschen auf grund entwicklungsgeschichtlicher Untersuchungen*, 1876. 14, 257-66, *rev.*
- Flecker, H.**, Observations upon cases of absence of lacrimal bones and of existence perilacrimal ossicles, 48, 52-72
Röntgenographic study of the movements of abduction at the normal shoulder joint, reprinted from Med. J. Austral., 1929, July 27, pp. 3-4. 65, 402, *rev.*
Roentgenographic observations of the times of appearance of epiphyses and their fusion with the diaphyses, 67, 118-64
- Fleisch, E.**, on reaction of muscles of water-beetle to stimuli, 10, 219, *rep.*
- Fleischer, B.**, A case of twins, one normal, the other anencephalous, 35, 502, *rep.*
- Fleischer, R.**, on action of salicylic acid on the urine, 10, 650, *rep.*
- Fleischl**, on lymph and lymphatic vessels of liver, 9, 433-5, *rep.*
- Fleischl, E.**, on stimulation of nerves, 10, 633, *rep.*

Author Index

- Fleischmann, on postmortem appearances of brain, 6, 234, *rep.*
- Fleming Barnado, G., *see* Barnado, G. Fleming
- Fleming, Amy M., The internal genital organs of a female foetus of 15 cm. length, 61, 232-46
- Fleming, G. ed., *see* Chaveau, A. & Arloing, S.
- Fleming, J., A case of retroperitoneal hernia, 57, 366-74; 59, 63, *S.P. (l.o.)*
- A case of proboscis unilateralis, 71, 158, *P.*
- Fleming, R. A., Observations on the histology of medullated nerve fibres in man and rabbits, derived from a study of their pathological anatomy, 31, 397-409
- Fleming, W. J., A simple form of transmission sphygmograph, 12, 144-6
- The physiology of the Turkish bath: being an experimental inquiry into the effects of hot dry air upon man, 13, 454-64
- Pulse microtism, 15, 278-91
- Flemming, Mrs. E. E., on absence of left internal carotid, 29, xxiii-xxiv, *P.*
- Demonstration of malposition of colon, 31, xxxii-iv, *P.*
- Flemming, P., on third head of rectus femoris, peroneo-calcaneus interni, and levator claviculae variations, 31, xxxi-ii, *P.*
- Flemming, W., on ciliary muscle in domestic mammals, 3, 455, *rep.*
- on development of fat cells, 5, 376, *rep.*
- Flerkó, B., *see* Szentágotthai, J., Mess, B. & Halász, B.
- Fles, J. A., Investigations respecting the histological structure of the villi of the intestinal canal, 1, 363-4, *abs.*
- Flesch, on congenital defects of thorax and sternum, 8, 170-1, *rep.*
- Fletcher, on uterus unicorporeus et vagina duplex, 33, 683 (*ref. only*)
- Fletcher, H. M., Congenital cyst of the mediastinum, 32, 790, *rep.*
- Flett, R. L., The musculature of the heart, with its application to physiology, and a note on heart rupture, 62, 439-75
- Flexner, L. B., *see* Hughes, A. F. W.
- Flint, on reticulum of the adrenal, 33, 683 (*ref. only*)
- Flint, Austin, on the Bell-Magendie controversy, 3, 446
- on glycogenic function of the liver, 3, 463, *rep.*; 4, 189, *rep.*
- on excretion of nitrogen in severe exercise, 6, 461-4, *rep.*
- Physiology of man, vol. iv *The nervous system*, 1872 (book), 8, 399, *rep.*
- Supplementary remarks 'on the physiological effects of severe and protracted muscular exercise, with especial reference to its influence upon the excretion of nitrogen', 11, 109-117
- The source of muscular power, as deduced from observations upon the human subject under conditions of rest and of muscular exercise, 12, 91-141 (*errata note page 368*)
- A text-book of human physiology 1888, 24, 612, *rev.*
- Flögel, J. H. L., on structure of striped muscle fibre in *Trombidium* and *Cyclops*, 6, 442, *rep.*
- Florentin, *see* Watrin
- Florey, E. editor, *Nervous inhibition*, 1961, 96, 542-3, *rev.*
- Florey, H., *see* Pullinger, B. D.
- Florian, J., The formation of the connecting stalk and the extension of the amniotic cavity towards the tissue of the connecting stalk in young human embryos, 64, 454-76
- The development of the connecting stalk in early human embryo, 65, 165, *P.*
- Demonstrations of sections of early human embryos, 65, 175, *P.*
- The early development of man, with special reference to the development of the mesoderm and cloacal membrane, 67, 263-76
- & Hill, J. P., An early human embryo (No. 1285, Manchester collection), with capsular attachment of the connecting stalk, 69, 399-411
- see also* Hill, J. P.
- Flower, J. M., accessory soleus muscle, 1 case, 65, 174, *P.*
- Note on an accessory soleus muscle, 65, 548-9
- Flower, W. H., on development of teeth in marsupialia, 2, 174-5, *rep.*
- on classification and anatomy of cetacea, 3, 204, *rep.*
- on teeth of nine-banded armadillo, 3, 205, *rep.*
- on visceral anatomy of *Hyomachus* [*Hyomachus*] *aquaticus*, 3, 206, *rep.*
- Remarks on the homologies and notation of the teeth of the mammalia, 3, 262-78
- on base of cranium in carnivora, 4, 163, *rep.*
- On the correspondence between the parts composing the shoulder and pelvic girdle of the mammalia, 4, 239-45
- An introduction to the osteology of the mammalia, 1870, 5, 191, *rev.*
- on *Balaenoptera musculus*, 5, 197, *rep.*
- on anatomy of *Proteles cristatus*, 5, 198, *rep.*
- on skeleton of *Delphinus sinensis*, 5, 382, *rep.*
- On the composition of the carpus of the dog, 6, 62-4
- on deciduous dentition of *Mammalia*, 6, 443, *rep.*
- on teeth in *Mammalia*, 6, 443, *rep.*
- on anatomy of *Aelurus fulgens*, 6, 446, *rep.*
- on *Phoca hispida* skull, 6, 446, *rep.*
- on Ziphioid whales, 6, 445, *rep.*
- on skeleton of *Casuarium australis*, 6, 447, *rep.*
- Diagrams of the nerves of the human body, 2nd ed. 1872, 7, 166, *rev.*
- on bones of *Eschrichtius robustus*, 7, 173, *rep.*
- on external features and skull of Risso's Dolphin (*Grampus griseus*) 7, 173, *rep.*
- on *Ziphius cavirostris*, skull, 7, 173, *rep.*
- Note on the carpus of the sloths, 7, 255-6
- on anatomy of caecum and bulla of two-spotted paradoxure, 7, 335, *rep.*
- on the skeleton of *Berardius arnouxii*, and a discussion on Ziphioid whales, 7, 335, *rep.*
- Note on the construction and arrangement of anatomical museums, 9, 259-262
- Catalogue of the specimens illustrating the osteology and dentition of vertebrate animals (recent and extinct) contained in museum of Royal College of Surgeons of England, part I, 1879, 14, 269-70, *rev.*
- & Garson, J. G., On the scapular index as a race character in man, 14, 13-17
- & Murie, J., Account of the dissection of a bush-woman [including note on external features and measurements, myology, arterial system, abdominal and pelvic viscera], 1, 189-208
- Floyd, W. F. & Silver, P. H. S., Electromyographic study of patterns of activity of the anterior abdominal wall muscles in man, 84, 132-45
- Electromyographic investigation of muscle movement patterns studied with surface electrodes on the anterior abdominal wall in man, 84, 75-6, *P.*
- Further observations concerning erectors spinae functions in trunk flexion, 85, 433, *P.*
- Electromyography of the erectors spinae muscles in flexion of the lumbar vertebrae, 86, 484, *P.*
- see also* Walls, E. W.
- Flynn, T. Thompson & Hill, J. P., Maturation, fertilization and early cleavage in the monotreme, 72, 156-7, *P.*
- see also* Hill, J. P.

Author Index

- Foa, P.**, on blood and lymph vessels, 10, 645, *rep.*
- Fokker**, on presence of soluble earths and phosphoric acid in alkaline blood, 8, 199, *rep.*
- Földi, M.**, *see* Rusnyák, I. & Szabo, G.
- Follet**, *see* Byasson
- Folley, S. J. & Zuckerman, S.**, Development of the mammary gland in the Rhesus monkey, 72, 613, P.
- see also* Bacsich, P.
- Forbes, G.**, Lymphatics of the skin, with a note on lymphatic watershed areas, 72, 399-410
- Forbes, J.**, Thoracopagus monosymmetros with congenital club hand, 72, 148, P.
- Ford, E.**, A note on the sternal gland of *Myrmecobius*, 68, 346-9
- Ford, E. H. R.**, The growth of the foetal skull, 90, 63-72; 90, 562-3, P.
- Observations on the growth of the cranial base, 91, 583, P.
- The content and distribution of alkaline phosphatase in the biliary tract of the sheep, 92, 447-52
- & **Woollam, D. H. M.**, A light and electron microscope study of the chromosomes of the fowl (*Gallus domesticus*) 98, 289, P.
- The fine structure of the sex vesicle and sex chromosome association in spermatocytes of mouse, golden hamster and field vole, 100, 787
- see also* Horn, G.
- Lever, J. D.
- Woollam, D. H. M.
- Ford, P.**, Modification of existing technique for fixation of vital dye in serially-sectioned material and a method for counter-staining sections, 73, 673, P. (*dem.*)
- Forgeot**, *see* Lesbre
- Forman, M. B.** editor, *John Keats's Anatomical and physiological note book*, 1934. 68, 575-6, *rev.*
- Formisano, V. R.**, *see* Montagna, W.
- Forsberg, J. G.**, On the development of the cloaca and the perineum and the formation of the urethral plate in female rat embryos, 95, 423-36
- Forsheim**, Five cases of double monstrosities, 44, 98, *rep.*
- Forssner**, on congenital intestinal and oesophageal atresia, 43, 122-3, *rep.*
- Förster**, The origin of double malformations, 40, 296, *rep.*
- Forster, D. S.**, A note on Scarpa's fascia, 72, 130-1, *anat. not.*
- Forster, J.**, on nutrition, 8, 409, *rep.*
- on significance of the ash-constituents of food, 8, 411-13, *rep.*
- Forster, R. E.**, *see* Comroe, J. H., Dubois, A. B., Briscoe, W. A. & Carlsen, E.
- Forsyth, D.**, The comparative anatomy, gross and minute, of the thyroid and parathyroid glands in mammals and birds, part I, 42, 141-69; part II, 42, 302-19
- Foster, B. W.**, On a new method of increasing the pressure on the artery in the use of the sphygmograph, 2, 62-5
- Note on the temperature, in diabetes, 3, 377-8
- an action of digitalis on heart, 6, 500, *rep.*
- Foster, C. L.**, Studies on the parathyroid of the mouse. 2. Some observations upon the postnatal cytological development of the normal gland, with particular reference to its mitotic activity and Golgi elements, 80, 171-8; 80, 233-4, P.
- Some observations upon the Golgi elements of the anterior pituitary cells of normal and stilboestrol treated rats using the Sudan black technique, 81, 403, P.
- The use of safranin-O for the demonstration of cytoplasmic nucleoproteins, 83, 101-8
- & **Cameron, E.**, Observations on the histological effect of sub-lethal doses of cadmium chloride in the rabbit, II. The effect on the kidney cortex, 97, 281-8
- & **Riad, Z. M.**, Some staining properties of the glomerular constituents in normal rabbits, 97, 403-7
- & **Wilson, R. R.**, Some preliminary observations upon the Gram-positive cells of the human anterior pituitary, 85, 419, P.
- Cytological observations on surgically removed pituitary glands, 88, 564, P.
- see also* Cameron, E.
- Wilson, R. R.
- Young, B. A., & Cameron, E.
- Foster, M.**, Notes on amylolytic ferments, 1, 107-13
- On some points of the epithelium of the frog's throat, 3, 394-400
- Note on the action of the interrupted current on the ventricle of the frog's heart, 3, 400-1
- on involuntary movements of the heart, 4, 325, *rep.*
- on action of derivatives of codeia, 6, 496-7, *rep.*
- on inhibition of heart, in molluscs *Anodon* and *Helix*, 7, 184, *rep.*
- On the effects of a gradual rise of temperature on reflex actions in the frog, 8, 45-53
- on epithelium and endothelium, 9, 197, *rep.*
- Some effects of upas antiar on the frog's heart, 10, 586-94
- Text book of physiology*, 1877. 11, 575, *rep.* (*book notice*)
- & **Balfour, F. M.**, *The elements of embryology*, part I, 1874. 9, 186-9, *rev.*
- & **Dew-Smith, A. G.**, The effects of the constant current on the heart, 10, 735-71
- see also* Klein, E., Sanderson, J. Burdon & Brunton, T. Lauder
- Fothergill**, on action and uses of digitalis, 6, 500, *rep.*
- Fouilhoux**, on variations in urea, 9, 241, *rep.*
- Foulis, D.**, On the mode of healing in wounds under antiseptic dressings, 14, 456-60
- Foulis, J.**, on development of the ova, and structure of the ovary, 9, 398-400, *rep.*
- The development of the ova, and the structure of the ovary in man and other mammalia; with special reference to the origin and development of the follicular epithelial cells, 13, 353-81
- Fourman Julia M.**, Sites of calcium deposition in experimental nephrocalcinosis produced by injections of calcium or of phosphate, 92, 662, P.
- Effects of parathyroid hormone and chondroitin sulphate on the connective tissue of the rat kidney, 93, 579-80, P.
- Experimental production of 'Swan necks' in rat nephrons, 95, 606, P.
- The relation of the site of cholinesterase activity in the kidney to the form and function of the nephron, 100, 430-31, P.
- Cholinesterase and sodium transport in the supra-orbital gland of the duck, 100, 693, P.
- & **Ballantyne, B.**, A histochemical and quantitative study of cholinesterases in the intra-orbital gland of the domestic duck, 100, 702-4, P. (*dem.*)
- & **Moffat, D. B.**, Reversal of the plasma-skimming effect as a result of the differential sampling of the bloodstream by intra-arterial cushions, 95, 281, P.
- The pelvic blood vessels of the rat kidney, 97, 153-4, P.

Author Index

- Fourman, Julia M. & Moffat, D. B.**, Ectopic glomeruli in the renal pelvis, 97, 311, *P.*
 The microcirculation of the kidney, 97, 631, *P.*
 The effect of changes in water intake and of osmotic diuresis on renal medullary blood flow, 98, 472-3, *P.*
see also Moffat, D. B.
- Fournié**, on experiments on the brain, 7, 340, *rep.*
 on effects of chemical damage on thalamus, corpus striatum and cerebellum, 8, 179-81, *rep.*
- Fournié, E.**, on physiology of the central nervous system, 10, 626, *rep.*
- Fowler**, on chemical examination of saccharine urine, 9, 241, *rep.*
- Fowler, G. B.**, on modification of Trommer's test for sugar in urine, 9, 439, *rep.*
- Fowler, J. K.**, Band in left auricle on the heart, 30, v-vi, *P.*
- Fox, C. A. & Barnard, J. W.**, A quantitative study of the Purkinje cell dendritic branchlets and their relationship to afferent fibres, 91, 299-313
see also Siegesmund, K. A. & Dutta, C. R.
- Fox, R. Hingston**, The functions of the tonsils, 20, 559-64
- Fox, Wilson**, on development of striated muscle fibre, 1, 357, *rep.*
- Foxon, G. E. H.**, A description of the coronary arteries in Dipnoan fishes and some remarks on their importance from the evolutionary standpoint, 84, 121-31
 — & Walls, E. W., The radiographic demonstration of the mode of action of the heart of the frog, 81, 111-17
 Circulation through the heart and great vessels of the frog: a radiological study, 80, 245-6, *P.*
- Fozzard, J. A. F.**, *see* Hughes, A. F.
 Woollam, D. H. M. & Millen, J. W.
- Fracasini, A. Serafini**, *see* Serafini-Fracasini, A.
- Fraenkel, M.**, on synostosis of the cranium, 5, 192, *rep.*
- Fraentzel, O.**, on the structure of the cells of the spinal and sympathetic ganglia, 2, 167, *rep.*
 on a case of aorta communicated with pulmonary artery, 3, 204, *rep.*
- Fraisse**, on vesical topography in the female, 33, 683 (*ref. only*)
- Frame, J., Smith, J. W. & Candlish, J. K.**, Observations on the relationship of collagen and mucopolysaccharides, 99, 197, *P.*
- Franchi, L. L.**, *see* Baker, T. G.
- Francis, C. C.**, *see* Hoerr, N. L. & Pyle, S. I.
- Francis, E. T. B.**, A case of an abnormal hyo-branchial skeleton in *Salamandra maculosa* (Laur.), 65, 388-91
see also Blair, D. M. & Davies, F.
 Davies, F.
 Davies, F. & King, T. S.
- Francis, G.**, on spectrum of fish-pigment, 10, 654, *rep.*
- François-Danville**, Two cases of congenital anomaly of the kidney, 37, 308, *rep.*
 Case of persistent ductus arteriosus in girl aged 14½, 38, 367, *rep.*
- François-Franck & Pitres**, on movements produced by stimulation of the brain, 141-2, *rep.*
- Fränkel**, on two-headed monster, 4, 306, *rep.*
- Fränkel, A.**, on the effect of diminished supply of oxygen on decomposition of albumin, 11, 567, *rep.*
- Fränkel, J.**, on accommodation in the human eye, 7, 344, *rep.*
- Frankenhausen, B.**, A method of determining the cutaneous distribution of a sensory nerve by means of action potential recording, 83, 57, *P.*
- Frankenhausen, F.**, *Die Nerven der Gebärmutter und ihre Endigung in den glatten Muskelfasern*, 1867. 2, 389-90, *rev.*
- Frankland**, on the source of muscle power, 1, 158-9, *rep.*
- Franklin, K. J.**, Valves in the splenic and mesenteric veins of the sheep, 60, 194-8
 Valves in veins: further observations, 64, 67-9
 The structure of the thoracic inferior vena cava in the rabbit and in the cat, and its functional significance, 66, 76-9
 Observations on the venae cavae of certain mammals, 1. The normal lie of the venae cavae, and related observations, 67, 382-6
 Further notes on the arrangement of the collagen fibres of veins, together with certain other observation on veins and on the venous return, 66, 602-9
 Further observations on the venae cavae of certain mammals, 68, 338-40
A short history of physiology, 1933, 68, 578, *rev.*
 The effects of respiration upon the lumen of the inferior vena cava, 69, 131-2, *P.*
editor, De venarum ostiis, 1603. *Hieronymus Fabricius de Aquapendente*, 1933. 69, 397, *rev.*
 — & McLachlin, A. D., The uterine vein entries in the rabbit, 71, 103-4
A monograph on veins, 1938. 73, 198, *rev.*
 Bilateral anterior venae cavae in a lion cub, 80, 111, *anat. not.*
 Patent foramen ovale and ductus arteriosus in a lion cub, 80, 209
 The height of the Eustachian valve correlated with the direction of the (right) anterior caval blood flow, 80, 246-7, *P.*
Cardiovascular studies, 1948. 83, 45-6, *rev.*
 The renal shunt mechanism and anoxia (preliminary report) 84, 63, *P.*
 — Barclay, A. E., Barron, D. H. & Barcroft, Sir Joseph, Movements of the valve of the foramen ovale, 73, 671, *P. (film)*
 — — & Prichard, Marjorie, M. L., Some observations on the cardio-vascular system in the viable foetal lamb, 75, 75-87
The circulation in the foetus, abbrev. ed. 1946. 81, 122, *rev.*
 — & Haynes, F., The histology of the giraffe's carotid functionally considered, 62, 115-17
 — & Winstone, N. E., Parturition in the rabbit, 88, 545, *P.*
see also Amoroso, E. C., Barclay, A. E. & Prichard, M. M. L.
 Amoroso, E. C. & Prichard, M. M. L.
 Barclay, A. E.
 Barclay, A. E., Daniel, P., Prichard, M. M. L. & Trueta, J.
 Barclay, A. E. *et al*
 Gibson, A. G.
- Franklin, P.**, Child with right lateral proboscis, 59, 6-7, *S.P.*
- Franks, K. & Abraham, P. S.**, On so-called sponge-grafting, 17, 349-62
- Fraser**, Method of cutting in various planes serial sections of the adult human body without freezing, 37, lxxvii-lxxviii, *P.*
- Fraser Roberts, J. A.** *see* Roberts, J. A. Fraser
- Fraser, A.**, On nerve terminations in the thyroid gland, 24, ii, *P.*
 On pyramidal tracts of certain rodents, 24, ii-iii, *P.*

Author Index

- Fraser, A.**, Photography as an aid in morphological investigation, 24, i-ii, *P.*
A guide to operations on the brain, 1890. 26, 276-7, *rev.*
 demonstration of photographs of foetuses, exterior form and section, 28, vi, *P.*
- & **Norman**, A case of porencephaly, 28, vi, *P.*
- Fraser, Elizabeth A.**, The development of the urogenital system in the marsupialia, with special reference to *Trichosurus vulpecula*, part II, 53, 97-129
 The pronephros and early development of the mesonephros in the cat, 54, 287-304
 demonstration of models of developing pronephros in *Acipenser rubicundus*, 61, 520, *P.*
see also Buchanan, Gwynneth & Hill J. H.
- Fraser, E. Hewat**, *see* Fraser, J. W.
- Fraser, F. C.**, The cetacean ear. I. The osteology of the skull base, 92, 657, *P.*
- Fraser, J. S. & Dickie, J. K., Milne**, A reconstruction model of the right middle and inner ear, 49, 119-35
- Fraser, J. W.**, On the action of infused beverages on peptic digestion, 18, 13-48
 Action of infused beverages on peptic digestion, 20, 361-87
 On the action of infused beverages on the peptic and pancreatic digestion of the chief dietetic proximate principles, 21, 337-61
 On the action of infused beverages on peptic and pancreatic digestion, 31, 469-512
- & **Fraser, E. Hewat**, Preliminary note on inter- and intra-cellular passages in the liver of the frog, 29, 240-3
- Fraser, Thomas R.**, On the physiological action of the calabar bean (*Physostigma venenosum*, Balf.) 1, 323-332
 Reports on the progress of physiology (with William Rutherford and Arthur Gamgee) 2, 177-193, (alone) 418-426; 3, 220-8, 471-81; 4, 164-72, 311-19; 5, 201-8, 389-96; 6, 490-502; 7, 191-200
 Report on pharmacology, 8, 217-32
 on action of galvanism on blood, 2, 179, *rep.*
 on the action of physostigmin[e] on amphibia, 2, 185-6, *rep.*
 on chemical and physiological properties of akazga, 2, 186, *rep.*
 The effects of rowing on the circulation, as shown by examination with the sphygmograph, 3, 127-30
 An investigation into some previously undescribed tetanic symptoms produced by atropia in cold-blooded animals; with a comparison of the paralytic and convulsant symptoms produced by atropia in frogs and in various mammals, 3, 357-69
 on effects of subcutaneous injection of physostigma and atropia [atropine] 4, 168, *rep.*
 On the Kombé arrow-poison (*Strophanthus hispidus*) of Africa, 7, 139-55
 on antagonism between physostigma and strychnia, 7, 198, *rep.*
see also Brown, Crum
- Frassetto**, Abnormalities of bones of the skull, 40, 298, *rep.*
- Frassetto, F.**, A parietal suture in skull of *Simia satyrus* [n. t. *Mycetes*] 34, 417, *rep.*
- Frauchiger, E. & Fankhauser, R.**, *Vergleichende Neuropathologie des Menschen und der Tiere*, 1957. 92, 318-19, *rev.*
- Frazer, A.**, Exhibition of a new steam sterilizer and of improvements in the rocking microtome, 25, ii, *P.* (SMS) (*t.o.*)
- Frazer, J. Ernest**, The lower cervical fasciae, 38, 52-64
 The insertion of the pyramidalis and obturator internus, and formation of the posterior circular capsular fibres and upper retinaculum of Weitbrecht, 38, 170-85
 On some minor markings of bones, 40, 267-81
 The derivation of the human hypothenar muscles, 42, 326-34
 Morphology of the hypothenar muscles, 40, xvii, *P.*
 Derivation of the hypothenar muscles in man, 43, iii (July 1907) (*t.o.*)
 The development of the larynx, 44, 156-91; 44, iii, *P.* (*t.o.*)
 A persistent canal of His: a preliminary note on the development of the median thyroid bud, 44, 395-6, *anat. not.*
 The pharyngeal end of Rathke's pouch, 45, 190-6
 A preliminary communication on the formation of the nasal cavities, 45, 347-56
 A further communication on the formation of the nasal cavities, 46, 416-33
 The second visceral arch and groove in the tubotympanic region, 48, 391-408
 The formation of the pars membranacea septi, 51, 19-29; 51, 9-10, *P.* (June 1916)
 The formation of the duodenal curve, 53, 292-7
 Functions of the liver in the embryo, 54, 116-24
 Report on an anencephalic embryo, 56, 12-19
 The early formations of the middle ear and Eustachian tube: a criticism, 57, 18-30
 The phylogeny of the lesser sac of the peritoneum, 59, 7-8, *S.P.*
 On 'anencephaly' in a human embryo at 27-mm. stage, 59, 11-12, *S.P.*
 Sections of embryos of *Chrysemys marginata* and *Amia calva*, 59, 27-8, *S.P.*
 Villi and the growth of the ovum and placenta, 59, 77-9, *S.P.*
 The development of the main veins of the trunk caudal to the duct of Cuvier, 59, 99, *S.P.*
 Double uterus and vagina, 59, 99, *S.P.*
 Demonstration of closure of pre-cervical sinus 60, 484-5, *P.*
 Probable formation of left common iliac vein, 60, 485-6, *P.*
 The disappearance of the precervical sinus, 61, 132-43
 Note on Dr Hunter's paper on development of the duodenum, 61, 356-9
 The formation of the pleural sacs in man, 61, 504, *P.* (*t.o.*)
 Development of the region of the isthmus rhombencephali, 63, 7-18
 The development of the region of the isthmus rhombencephali, 63, 159, *P.*
 Sections through human embryonic shield, 66, 134, *P.*
A manual of embryology. The development of the human body. 1931. 66, 275-6, *rev.*
 A very young human ovum *in situ*, 67, 200-1, *P.*
The anatomy of the human skeleton, 3rd ed. 1933. 68, 123, *rev.*; 4th ed. 1940. 74, 412, *rev.*
 The terminal part of the Wolffian duct, 69, 455-68; 70, 192, *P.* (*disc. only*)
 A curious abnormal human brain, 69, 526-7, *anat. not.*
 A case of porencephaly, 70, 192, *P.* (*t.o.*)
A manual of embryology. The development of the human body, 2nd ed. 1940. 75, 144, *rev.*; (edited by Baxter) 3rd ed. 1953. 88, 110-11, *rev.*
- & **Mann, Ida C.**, The growth of the cephalic mesoderm, 59, 45-6, *S.P.*
 Further note on the growth and extension of the maxillary mesoderm, 59, 79, *S.P.*

Author Index

- Frazer, J. Ernest & Robbins, R. H., Demonstration of reconstruction models, 50, 18-19, *P.* (June 1915)
On the factors concerned in causing rotation of the intestine in man, 50, 75-110
see also Bloomfield, Alice
- Fredericq, The distribution of the carbonic acid of the blood between the corpuscles and the serum, 13, 243-4, *abs.*
- Fredet, Cyst in lateral wall of vagina, 38, 370, *rep.*
- Freedman, L. & Munro, R. R., Abduction of the shoulder in the scapular plane: scapular and humeral movements, 100, 947-8, *P.A.S.A.N.Z.*
- Freeman, M. A. R. & Wyke, B., The innervation of the cat's knee joint, 98, 299-300, *P. (dem.)*
- Freeman, R. Austin, The anatomy of the shoulder and upper arm of the mole, (*Talpa europaea*) 20, 201-19
- Freezer, C. R. E., Two specimens illustrating arrested development, 66, 139-40, *P.*
- Frerichs, E., *see* Kulz, E.
- Freund, on Douglas' cul-de-sac, 33, 683 (*ref. only*)
Anomalies occurring in the skeletons of fish, 44, 96, *rep.*
- Freusberg, A., *see* Goltz, F.
Goltz & Gergens
- Frey, on nerves supplying blood vessels of upper limb, 9, 392, *rep.*
see also Irminger
- Frey, H., *The histology and histochemistry of man* (4th ed. trans. by Arthur E. Barker) 1874. 9, 189, *rev.*
- Freyberger, on patent interventricular septum and anomalous thoracic veins, 33, 682 (*ref. only*)
- Freyberger, L., on a specimen of malformed heart and great vessels, 30, xix, *P.*
- Freye, H. A., *Repetitorium der Zoologie*, 1963. 98, 460, *rev.*
- Freyfeld-Szabadsöldy, on nerve endings in the lingual papillae, 2, 168, *rep.*
- Friant, M., *Anatomie comparée du cerveau*, c. 1945. 81, 334, *rev.*
- Friccius, P., On hare-lip, 31, 458, *rep.*
- Frick, H., *Die Entwicklung und Morphologie des Chondrokraniums von Myotis Kaup*, 1954. 89, 132, *rev.*
- Friebe, on congenital defect of the fibula, 33, 679 (*ref. only*)
- Friedel, on a sacral tumour, 43, 122, *rep.*
- Friedheim, A series of cases of malformed fetuses, 40, 295, *rep.*
- Friedinger, on pepsin secretory cells, 6, 460, *rep.*
- Friedländer, on contractility of frog heart, 2, 407, *rep.*
on structure of pregnant and non-pregnant uterus, 6, 438-9, *rep.*
- Friedreich, on modifications in the size and form of the human red-blood corpuscles 2, 398, *rep.*
- Friedreich, N., on a case of hermaphroditism, 3, 456, *rep.*
- Friedrich, J., *see* Mayer, S.
- Friel, E. S., Variations in the position of the transverse palatal rugae in relation to the teeth, 70, 200, *P. (t.o.)*
- Fritsch, G., on variations of insertions of latissimus dorsi, 4, 153-4, *rep.*
on heart in *Amphibia*, 5, 200, *rep.*
on modification of microtome of Rivet, 9, 404, *rep.*
Anatomy and homologies of brain of fishes, 13, 267 (*t.o.*); comment by Turner, 13, 284-5
— & Hitzig, E., on electrical excitability of the cerebrum, 5, 396, *rep.*
- Fröhlich, *see* Rossbach
- Frohse, F., & Bardeleben, K. von, The finer ramifications of the nerves in the muscles, 32, xviii-xxi, *P.*
see also Bardeleben, K. von
- Frühinsholz, on a case of congenital and hereditary cutaneous lesions of a cicatricial type in mother and child with no history of syphilis, 43, 124, *rep.*
- Fubini, on influence of light on body weight, 10, 222, *rep.*
- Fuchs, on stimulation of nerves with unipolar current, 7, 179, *rep.*
conditions of equilibrium for stimulated and non-stimulated muscle, 8, 213, *rep.*
A case of cleidocranial dysostosis, 44, 107, *rep.*
see also Schiff & Englemann
- Fuller, K. M. & Munro, R. R., Lymphatic drainage of bone marrow, 98, 485, *P.A.S.A.N.Z.*
- Fulton, J. F., *Functional localization in the frontal lobes and cerebellum*, 1949. 84, 57, *rev.*
- & Sheehan, D., The uncrossed lateral pyramidal tract in higher Primates, 69, 181-7
see also Walker, A. E.
Zuckerman, S.
- Funke, on formation of acid in nerves, 4, 321, *rep.*
- Funke, O., on effects of intravenous injection of ammonia, 10, 220, *rep.*
- Fürbringer, M., *Die Knochen und Muskeln der Extremitäten bei den schlangenähnlichen Sauriern*, 1870. 4, 285-6, *rev.*
- Fürbringer, P., on oxalic acid in urine, 11, 567, *rep.*
Furneaux's Human physiology, revised edition by W. A. M. Smart, Nurses' edition, 1935. 70, 185, *rev.*
- Furnivall, F. J. & Furnivall P., editors, *The anatomy of the body of man* (Vicary) 1888. 23, 164, *rev.*
- Furnivall, P., *see* Furnivall F. J.
- Furst, C., *see* Kesteven, H. Leighton
- Fürst, C. M., Absence of pectoralis major and other muscles, 35, 508, *rep.*
- Fürstner, C., on electrical stimulation of the cerebrum, 11, 542, *rep.*
- Fusari, R., Diencephalus, 30, 456-7, *rep.*
- Fyfe, F. W., Some features of the interlocking pattern at the upper epiphyseal surface of the femur with reference to 'slipped epiphysis', 83, 85-6, *P.*
Predominance of epiphyseal over metaphyseal blood supply in nourishment of epiphyseal cartilage, demonstrated by ³⁵S radioautography and vascular ablation, 98, 471-2, *P.*
— & Gillman, T., Electron microscopy of commencing elastogenesis in embryonic mouse aorta, 98, 682, *P.*
see also Lockhart, R. D. & Hamilton, G. F.
- Gabbett, H. S., Colloid degeneration of the non-cystic ovary, with associated vascular changes, 16, 192-9
- Gabriel, A. C., Some anatomical features of the mandible, 92, 580-6
- Gad, J., on the absorption of fat, 13, 125-6, *rep.*
on apnoea, 16, 145, *rep.*
- Gaddi, P., on skull and brain of idiot, 3, 195-6, *rep.*
- Gaddum, P., *see* Glover, T. D.
- Gade, on anencephaly, with multiple abnormalities, 29, 465, *rep.*
- Gadow, H., Observations in comparative myology 16, 493-514
On the reproduction of carapax [carapace] in tortoises, [*Testudo groeca*] 20, 220-41
On the nature of intercalated vertebrae of sharks, 34, xlv-vi, *P.* July 1899
The evolution and homologies of the auditory chain, 59, 74-7, *S.P.*
The evolution of the vertebral column. A contribution to the study of vertebrate phylogeny, edited by J. F. Gaskell and L. H. H. Green, 1933. 68, 575, *rev.*

Author Index

- Gaehtgens**, on excretion of creatinine and uric acid in diabetes, 4, 181, *rep.*
- Gage, Susanna F.**, *The brain of Diemyctylus viridescens*, 1893. 28, 380, 382, *rev.*
Further notes on the relation of the ureters and great veins, 33, ix, *P. (t.o.)*
- Gairns, F. W.**, see Cathcart, E. P. & Garven, H. S. D.
- Gaitskell**, Description of infant with complete deficiency of both upper limbs, 39, 507, *rep.*
- Galabin, A. L.**, On the causes of the secondary waves seen on the sphygmographic tracing of the pulse, 8, 1-22; note on this paper, 8, 112
On the transformation of the pulse-waves in the different arteries of the body, 10, 297-319
- Galippe**, on action of jaborandi bark, 9, 448, *rep.*
- Gall, W. J.**, see Batten, E. H. Halley, G. Harris, R. S., Rogers, A. F. & Yoffey, J. M.
- Gallant**, A case of half-embryo, 37, 300, *rep.*
- Gallavardin & Lavy**, Congenital torticollis, 39, 504, *rep.*
- Gallaudet, B. B.**, *A description of the planes of fascia of the human body*, 1931. 66, 434, *rev.*
- Gallivan**, Pleuropagous twins, 39, 503, *rep.*
- Galton**, on experiments in pangenes, 6, 246-7, *rep.*
- Galton, Francis**, *Hereditary Genius*, 7, 339, *rep.*
- Galton, J. C.**, on muscles of fore and hind limbs of *Dasyypus sexcinctus*, 3, 458, *rep.*
on muscles of fore and hind limbs of *Orycteropus capensis*, 3, 458, *rep.*
on myology of *Cyclothurus didactylus*, 4, 162, *rep.*
Note of an abnormality in the human dental series, 6, 428-30
(translator) Roser's *Manual of surgical anatomy*, 4th German edition 1873. 7, 166, *rev.*
The convolutions of the human brain (Ecker) 1873. 8, 158, *rev.*
Note on the epitrochleo-anconeus of anconeus sextus (Gruber), 9, 169-75
- Galvani**, Congenital hypertrophy, 30, 462-3, *rep.*
- Gamble, H. J.**, An experimental study of the olfactory connexions in *Lacerta viridis*, 86, 180-96
An experimental study of the secondary olfactory connexions in *Testudo graeca*, 90, 15-29
Electron microscope observations on the connective tissues of normal and regenerating spinal nerve roots in the rat, 97, 481, *P.*
Comparative electron-microscopic observations on the connective tissues of a peripheral nerve and a spinal nerve root in the rat, 98, 17-25
Electron microscope observations on human foetal nerves, 100, 446, *P. (dem.)*
Further electron microscope studies of human foetal peripheral nerves, 100, 487-502
- & **Breathnach, A. S.** An electron microscope study of human foetal peripheral nerves, 99, 573-84
- & **Eames, Rosemary A.**, An electron microscope study of the connective tissue of human peripheral nerve, 98, 655-63
Electron microscopy of the connective tissues of normal and degenerated human peripheral nerves, 98, 478, *P. (dem.)*
- , **Goldby, F. & Smith, G. M. R.**, Some effects of temperature on the rate of degeneration and regeneration in a peripheral nerve, 91, 567-8, *P.*
- & **Jha, B. D.**, Some effects of temperature upon the rate and progress of Wallerian degeneration in mammalian nerve fibres, 92, 171-7; 92, 633-4, *P.*
An effect of pyronin upon the rate of maturation of injured peripheral nerve fibres, 93, 195-200; 92, 667, *P.*
see also Armstrong, J. A. & Goldby, F.
Breathnach, A. S. & Gamble, H. J.
- Eames, Rosemary A.
- Gamgee, A.**, On poisoning by carbonic oxide gas, and by charcoal fumes, 1, 339-46
Reports on the progress of physiology (with William Rutherford and Thomas R. Fraser) 2, 177-193, (alone) 426-31; 3, 228-41, 465-71; 4, 172-81; 5, 218-26
on blood chemistry, with reference to haemoglobin, 2, 178, *rep.*
on action of nitrites on haemoglobin, 3, 231, *rep.*
On the specific heat of blood, 5, 139-41
Note on Dr. Young's paper on iron in bile and relationship to colouring matter in blood, 5, 165
translator, Elements of physiology (Hermann) 1875. 10, 438, *rev.*; 1878. 13, 289, *rev.*
- & **Larmuth, L.**, On the action of vanadium upon the intrinsic nervous mechanism of the frog's heart, 11, 235-50
- , **Priestley, J. & Larmuth, L.**, On the difference in the poisonous activity of phosphorus in ortho-, meta-, and pyro-phosphoric acids, 11, 255-72
On the action of pyrophosphoric acid on the circulation, 11, 273-84
see also Dewar, Duncan, Wanklin
- Gamgee, J.**, On the action of the horse, 3, 370-6
The action of the horse, 4, 235-6
- Gandy, C.**, Congenital duodenal diverticulum, 35, 504, *rep.*
- Gangitano**, on an aortic opening, with two semilunar valves, 33, 504 (*ref. only*)
- Ganz**, see Hermann
- Garbiglietti, A.**, on pelvis of Javanese women, 3, 196, *rep.*
- Garde, Mary Lee**, The ovary of *Ornithorhynchus*, with special reference to follicular atresia, 64, 422-53
- Gardiner, E.**, see Mizeres, N.
- Gardner, E., Gray, D. J. & O'Rahilly, R.**, *Anatomy: a regional study of human structure*, 1960. 95, 278, *rev.*; 2nd ed. 1963. 98, 280, *rev.*
- Garibaldi**, A case of congenital macrodactyly, 44, 106, *rep.*
- Garipuy**, on a case of club hand, 43, 124, *rep.*
- Garland, G. M.**, on intestinal digestion, 9, 234, *rep.*
- Garn, S. M.**, editor, *Culture and the direction of human evolution*, 1964. 100, 415, *rev.*
- & **Shamir, Z.**, *Methods for research in human growth*, 1958. 93, 269-70, *rev.*
- Garner, R.**, The brain and nervous system: a summary and a review, 15, 536-79
- Garnett, R.**, see Evans, D. A. & Yoffey, J. M.
- Garrett, J. R.**, see Snell, R. S.
- Garrod & Wynne-Davies**, Absence of the muscles of the abdominal wall, 40, 299, *rep.*
- Garrod, A. H.**, On the cause of the diastole of the ventricles of the heart, 3, 390-3
On cardiograph tracings from the human chest-wall, 5, 17-27
On the constitution and use of a simple cardio-sphygmograph, 5, 265-70
On the telson of *Macrurous crustacea* [lobster] 5, 271-3
On the relation of the temperature of the air to that of the body, 6, 126-30
On sphygmography, part I, 6, 399-404; part II, 7, 98-105
On the law which regulates the frequency of the pulse, part I, 7, 219-32; part II, 8, 54-61
On the source of nerve force, 7, 251-4
On the order *Dinocerata* (Marsh), 7, 267-70
on mechanism of gizzard in birds, 7, 337, *rep.*
on the anatomy of *Heteralocha gouldi* (Huia bird) 7, 337, *rep.*

Author Index

- Garrod, A. H., on placenta of hippopotamus, 8, 167, *rep.*
on the anatomy of *Arctictis binturong* (civet), 8, 176, *rep.*
on the visceral anatomy of Sumatran rhinoceros, 8, 176, *rep.*
on value of nasal bones in classification of certain birds, 8, 177, *rep.*
on tongue of *Nestor*, 8, 177, *rep.*
on carotid arteries in birds; muscles of thigh in birds; anatomy of *Steatornis caripensis* and *Columba*, 9, 405-6, *rep.*
on study of blood circulation by sphygmographic trace, 9, 416, *rep.*
On the brain of the Sumatran rhinoceros (*Ceratomachus sumatrensis*) 13, 268 (t.o.); comment by Turner, 13, 278
Notes on the anatomy of Chinese water deer (*Hydropotes inermis*) 13, 268 (t.o.); comment by Turner, 13, 278
Notes on the Manatee (*Manatus americanus*) 13, 268 (t.o.) comment by Turner, 13, 278
— & Darwin, F., on anatomical notes on an ostrich, 7, 337, *rep.*
— & Turner, W., On the gravid uterus and placenta of *Hyomachus aquaticus*, 14, 375
Garson, J. G., Inequality in length of the lower limbs, 13, 502-7
Case of development of wool in cornea of sheep, 14, 252
Pelvimetry, 16, 106-36
see also Flower, W. H.
Garven, H. S. D., *A student's histology*, 1957. 92, 630-1, *rev.*; 2nd ed. 1965. 100, 212, *rev.*
see also Cathcart, E. P. & Cairns, F. W.
Gaskell, on spinal and cranial nerves, 23, v-vi, P.
Gaskell, Augusta, *What is life?* 1928. 65, 157, *rev.*
Gaskell, J. F. & Green, L. H. H. editors, *The evolution of the vertebral column. A contribution to the study of vertebrate phylogeny* (Gadow) 1933. 68, 575, *rev.*
Gaskell, W. H., On the changes of the blood-stream in muscles through stimulation of their nerves, 11, 360-402
On the vasomotor nerves of striated muscles, 11, 720-53
The origin of cartilaginous skeleton of vertebrates, 32, xlv-vi, P.
On the origin of vertebrates deduced from the study of *Ammocoetes*, parts I, Brain, 32, 513-53; Part II, Skeleton, cranio-facial, 32, 553-81; part III, on the origin of branchial segmentation, 33, 154-88; part IV, The thyroid of opercular segments. The meaning of the facial nerve, 33, 638-71; parts V, VI, VII, VIII, On the meaning of the trigeminal group of nerves, and the relation of the olfactory organ to the old mouth, 34, 465-587; 34, xxv-xxvii, P. February 1900.; part IX. On the origin of the optic apparatus: the meaning of the optic nerves, 35, 224-67; 35, iv-vi, P.; part X. On the origin of the auditory organ; the meaning of the VIIIth cranial nerve; together with a consideration of the origin of the cranial nerves as a whole, in accordance with the principles laid down in part I, 36, 164-208; part XI, The origin of vertebrate body cavity and excretory organs; the meaning of the somites of the trunk and of the ductless glands, 37, 168-219; part XII. The principles of embryology, 39, 371-401; part XIII. The origin of the notochord and alimentary canal, 40, 305-17
on the nature and connections of giant nerve fibres in certain fishes, 34, xlv, P. July 1899
The origin of vertebrate ear and auditory nerves, 35, xiii-iv, P.
Gatenby, The nature of the Golgi apparatus, 61, 497, P. (t.o.)
demonstration of the origin of spermatozoa in *Grantia*, 61, 515, P.
— & Hill, J. P., The corpus luteum of *Ornithorhynchus*, 59, 92-3, S.P.
Gates, R. Ruggles, *Heredity and Eugenics*, 1923. 61, 263, *rev.*
Heredity in man, 1929. 64, 541, *rev.*
Human genetics, 2 vols., 1946. 81, 200, *rev.*
Gatzuck on influence of bloodletting on circulation and temperature, 6, 477-8, *rep.*
Gaughran, G. R. L., Mylohyoid boutonnière and sublingual bouton, 97, 565-8
Gaule, on testicular tuberculosis, 13, 414-23, *abs.*
Gaupp, on metamerism of the skull, 33, 679 (*ref. only*)
Gauthier, on a case of uterus didelphus, 42, 136, *rep.*
Gautier, E. J., *Chimie appliquée à la pathologie à la pathologie et à l'hygiène*, 1874. 9, 450, *rep.* (notice)
Gay, on the effect of strychnine on the spinal cord, 1, 360, *rep.*
Gayat, on the measurement of the orbit, 9, 219-20, *rep.*
Gayat, J., on ophthalmoscopic phenomena cited as signs of death, 11, 545, *rep.*
Geddes, A. Campbell, The mechanical and physiological effects of an excessive dilatation and elongation of the colon, 43, 182-91
Apparent triplication of the apex of the right lung, 45, 11-15
A note on abnormal right subclavian artery, 45, 197-8:
Note on the reputed passage of abnormal right subclavian artery (a) in front of the trachea, (b) between the trachea and oesophagus, 45, 199-201
Report upon an acromegalic skeleton, 45, 256-92
Notes on the technical difficulties of wax plate reconstruction, 46, 69-71
The origin of the vertebrate limb, 46, 350-383
The ribs in the second month of development, 47, 18-30
The origin of the osteoblast and of the osteoclast, 47, 159-76
see also Waterston
Gedge, J., Note on copulation of spiders, 1, 371-2, *abs.*
Note on the anatomical development of the ruminant stomach, 2, 323-4
Gee, on opium alkaloids, apomorphia and chlorocodide [codein chloride] 4, 166, *rep.*
Gegenbaur, on development of the vertebral column in *Lepidosteus* 2, 404, *rep.*
on anatomical nomenclature, 33, 357 (*ref. only*)
Gegenbaur, C., *Untersuchungen zur vergleichende Anatomie der Wirbelthiere*, two vols., 1864-65. 2, 155-8, *rev.*
on congenital deficiencies in the clavicle 2, 392, *rep.*
on formation of bone, 2, 392, *rep.*
on torsion of the humerus, 3, 206, *rep.*; 3, 448, *rep.*
on skeleton of *Cyclostomata*, 4, 163, *rep.*
Grundzüge der vergleichenden Anatomie, 2nd ed., 1870. 4, 287, *rev.*
on skeleton of limbs of Enaliosaurians, 4, 308, *rep.*
on limbs in vertebrata, 5, 199-200, *rep.*
on pelvis of birds, 5, 385-6, *rep.*
on cranial nerves of *Hexanthus*, 6, 448, *rep.*
Untersuchungen zur vergleichenden Anatomie der Wirbelthiere 3rd part, *Vertebrate skulls*, 1872. 7, 166, *rev.*
Grundriss der vergleichenden Anatomie, 1874. 8, 385, *rev.*
omohyoid muscle and its clavicular attachment, 10, 442, *rep.*

Author Index

- Gegenbaur, C.**, structure of nipples of *Didelphys* (common opossum) and *Mus* (common mouse) 10, 454, *rep.*
- Critical remarks on polydactyly as atavism (trans. and abs. by Garson, J. G. & Gadow, H.), 16, 615-22
- Die Epiglottis, vergleichend anatomische studie*, 1892. 27, 564-5, *rev.*
- Gehuchten, A. van**, La structure des centres nerveux; la moelle épinière et le cervelet, 26, 274-5, *abs.*
- Le système nerveux de l'homme*, 1893. 28, 380, 381, *rev.*
- Geinitz**, on influence of hydrocyanic acid on erythrocytes, 4, 321, *rep.*
- Geipel**, Absence of pectoral muscle, 34, 422, *rep.*
- Gellért, A.**, Ganglia of the internal carotid plexus, 68, 318-22
- & **Bacsich, P.**, Museum specimens prepared by paraffin impregnation, 71, 139-40, *P.*
- see also **Bacsich, P.**, **Chisholm, I. A.** & **Sávay, J.**
- Geltowsky**, on effect of quinia on leucocytes, 7, 195-6, *rep.*
- on the action of quinine on colourless blood corpuscles, 7, 346, *rep.*
- Gemmill**, Double monsters amongst trout embryos, 39, 502-3, *rep.*
- on cyclopia in osseous fishes, 43, 119, *rep.*
- on a case of a third eye, 43, 119, *rep.*
- Gemmill, J. F.**, On the vitality of the ova and spermatozoa of certain animals, 34, 163-81
- On the movement of the lower end of the radius in pronation and supination, and on the interosseous membrane, 35, 101-9
- An ischiopagus tripus (human), with special reference to the anatomy of the composite limb, 36, 263-87
- Supernumerary limb in a frog, 40, 387-95
- Notes on (a) the origin of elastic fibres in tendon (b) branching of young tendon cells, 40, 396-9
- & **Stewart, J.**, Omphalopagous twins in the human subject, 50, 316-23
- Gemmill, R. S.**, Double malformations in the trout, 36, 300-301, *rep.*
- Genersich**, on absorption of lymph by tendons and fasciae, 6, 228-9, *rep.*
- Genouville, F.-L.**, on mid-line congenital cervical cyst, 28, 374, *rep.*
- Gent, W. L. G.**, **Rounce, J. R.** & **Williams, P. L.**, The electron microscopy of red cell membrane contacts, 100, 447, *P. (dem.)*
- Genzmer, A.**, on changes in lungs after section of vagi, 8, 185, *rep.*
- George, R.**, Topography of the unpaired visceral branches of the abdominal aorta, 69, 196-205
- Georges**, see **Lucien**
- Gérard**, on duplicity of the left sternomastoid, 33, 501 (*ref. only*)
- on persistence of ductus arteriosus Botalli, 33, 682 (*ref. only*)
- on a description of a celosome monster with pseudencephaly, 43, 115, *rep.*
- Gérard, G.**, A case of cervical rib, 35, 503, *rep.*
- Gerard, P.**, Comparative histophysiology of the vertebrate nephron, 70, 354-79
- see also **Dalcq, A.**
- Gerbe, M. Z.**, on site of cicatricule of ova in osseous fishes, 10, 455-6, *rep.*
- see also **Goltz & Freusberg**
- Gerhardt**, on albumin in urine, 3, 471, *rep.*
- Gerhartz**, two cases of accessory testicle in *Rana fusca*, 42, 138, *rep.*
- Gerlach & Rindfleisch, E.**, on structure of nerve fibres and nerve endings in cerebral cortex, 8, 171, *rep.*
- Gerlach, J.**, on a decussation of the fibres of the hypoglossal nerves, 3, 451, *rep.*
- Gerlach, L.**, on mesenteric plexus of Auerbach, 8, 173, *rep.*
- on estimation of the minerals of blood-serum by direct precipitation, 8, 196, *rep.*
- on relation of sulphindigotate of soda to tissues of the living body, 10, 657, *rep.*
- Gervais**, on brain in *Carnivora*, 7, 172, *rep.*
- Gervais, H.**, on a hydroptic condition of *Axolotl*, 6, 447, *rep.*
- Gervais, P.**, on the cranium of Descartes 6, 435, *rep.*
- on cerebral hemispheres in lemurs, 6, 444, *rep.*
- on Baleen whales, 7, 173, *rep.*
- on the brain of *Marsupialia*, 7, 172, *rep.*
- on a male cachalot, 7, 336, *rep.*
- on foetus and foetal membranes of *Delphinus delphis*, 7, 336, *rep.*
- on osteology of *Sphargis luth*, 7, 337, *rep.*
- on polygnatic and heterognathic monsters, 8, 171, *rep.*
- on dentition of foetal narwhal, 9, 205, *rep.*
- Geschleiden**, on origin of urea, 6, 465-6, *rep.*
- Geube**, on the effect of artificial respiration on the action of strychnia [strychnine] 2, 422, *rep.*
- Ghadially, F. N.**, see **Whiteley, H. J.**
- Ghey, P. H. R.**, see **Appleton, A. B.**
- Giacomini, C.**, on absence of dorsal branch of ulnar nerve, 6, 436-7, *rep.*
- on veins of lower limbs, 8, 174, *rep.*
- on communication between portal and right iliac veins, 8, 388, *rep.*
- on high division of the brachial artery, 9, 392, *rep.*
- Cerebral hemisphere convolutions, 13, 266 (*t.o.*); comment by **Turner**, 13, 268-9
- On central sulcus, 13, 266 (*t.o.*); comment by **Turner**, 13, 271-2
- Microcephaly, one case, 13, 266 (*t.o.*); comment by **Turner**, 13, 281
- Preservation of the brain, 13, 266 (*t.o.*); comment by **Turner**, 13, 282-3
- on embryonic mole, 28, 370, *rep.*
- Sulle Anomalie di sviluppo dell' embrione umano, 30, 451, *rep.*
- Anomalies of development, 30, 451, *rep.*
- Early malformed fetuses, 31, 456, *rep.*
- Description of two typical nodular embryos, 32, 782, *rep.*
- Giacomini, I.**, on influence of barometric pressure on development of hen's eggs, 29, 463-4, *rep.*
- on defective development of amnion in human embryo, 29, 464-5, *rep.*
- Giacomini, O.**, on abortion of mole (human) 27, 415, *rep.*
- on atrophied human embryo, 27, 415, *rep.*
- Giannuzzi, G.**, on excitability of central end of posterior roots of spinal nerves after section, 5, 396, *rep.*
- Gibson**, on a case of supernumerary mamma, 33, 503 (*ref. only*)
- Gibson, A.**, Bilateral abnormal relationship of the vagus nerve in its cervical portion, 49, 389-92
- Gibson, A. G. & Franklin, K. J.**, A valved transverse septum in the femoral vein, 72, 128-9
- Gibson, G. A.**, The sequence and duration of the cardiac movements, 14, 234-40
- Valvular haematoma, 14, 413-15
- The action of duboisia on the circulation, 16, 10-26
- & **Malet, H.**, Presternal fissure uncovering the base of the heart, 14, 1-9
- Gibson, J. B.**, The hepatic veins in man and their sphincter mechanisms, 93, 368-79

Author Index

- Gibson, J. Lockhart, On the 'invisible blood corpuscle' of Norris, 18, 393-9
- The blood-forming organs and blood formation, 20, 100-13, 324-53, 456-74
- Gibson, T. & Medawar, P. B., The fate of skin homografts in man, 77, 299-310
- Gierke, on the respiratory centre, 8, 409, *rep.*
- on location of respiratory centre, 9, 217, *rep.*
- A case of bilocular heart with a single arterial (aortic) trunk and patent ductus arteriosus, 44, 101, *rep.*
- Gierke, E. von, *Taschenbush der pathologischen Anatomie*, 10th ed., 1929, 2 vols. 64, 104, *rev.*
- Gies, T., on variations in flexor communis digitorum pedis, 3, 197, *rep.*
- Giesel, W., see Oppenheim, S. & Remane, A.
- Giglioli, E. H., on cranium studies on chimpanzee (*Troglodytes schweinfurthii*) 7, 334
- Gilbert, A. B., The innervation of the renal portal valve of the domestic fowl, 95, 594-8
- Gilbert, J. H. see Lawes, J. B.
- Gilchrist, Mary L. & Buxton, L. H. Dudley, The relation of finger-nail growth to nutritional status, 73, 575-82; 73, 359-60, P.
- Gildemeister, on regulation of body temperature, 6, 238, *rep.*
- Gilford, Dwarfism, 39, 499, *rep.*
- Glilis, P., Rhinodysmia, 35, 501, *rep.*
- Anatomie élémentaire des centres nerveux et du sympathique chez l'homme*, 1927. 61, 478, *rev.*
- Gill, J. R., see Findlay, J. A., et al.
- Lever, J. R., Randle, P. J. & Gill, J. R.
- Gill, T., on the homologies of the shoulder-girdle in Dipnoans and other fishes, 7, 338, *rep.*
- Gilles, see Dieulafoy
- Gillespie, A. Lockhart, On the gastric digestion of proteids, 27, 195-223
- Gillette, on sesamoid bones in man, 7, 167, *rep.*
- Gillette, P., on the veins of the bladder and intrapelvic venous plexuses, 4, 154-5, *rep.*
- Gilliatt, W., Abnormalities of the heart, aorta and its branches from an infant which lived for three days, 50, 10-11, P. (March 1915)
- Gillies, C. D., The origin of the os pisiforme, 63, 380-3
- Gillis, on 2 cases of sternalis muscle, 29, 467, *rep.*
- Gillman, T., see Fyfe, F. W.
- Gillmore, on absence of the uterus and Fallopian tubes, 42, 138, *rep.*
- Gilly, see Lesbre
- Gilmour, J., Obstruction of the urethra by prostatic valves, 64, 124, P.
- Gilse, P. H. G. van, The development of the sphenoidal sinus in man and its homology in mammals, 61, 153-66
- Gimbert, on systemic action of eucalyptol, 6, 497, *rep.*
- Ginieis, A case of pseudohermaphroditism in a pig, 44, 102, *rep.*
- Ginsborg, B. L., see Mackay, B.
- Girgis, A., A report on two cases of hermaphroditism in man, 57, 251-61; 59, 55, S.P.
- Another case of hermaphroditism in man, 58, 379-81
- Description of a human embryo of twenty-two paired somites, 60, 382-410; 60, 472, P.
- Models of heart development, rabbit, 65, 176, P. (t.o.)
- Girgis, F. & Pritchard, J. J., Morphological status of cranial sutures, 89, 577, P.
- Experimental alteration of cranial suture patterns, 90, 573, P.
- Cartilage repair of the skull vault, 90, 573, P.
- Analysis of experimental suture deviation, 91, 578, P.
- Effects of skull damage on the development of sutural patterns in the rat, 92, 39-51
- see also Pritchard, J. J.
- Girod, Uterus unicornis, 37, 308, *rep.*
- Giroud, A., Repercussions of abnormal migration of nerves, 97, 623, P.
- About the median cleft of the inferior jaw, 98, 686, P.
- Abnormal migrations of optic and olfactory fibres, and deductions therefrom, 100, 690-1, P.
- Girvin & Osheimer, Uterus didelphys, 37, 308, *rep.*
- Gitlin, G., Concerning the gangliform enlargement ('pseudoganglion') on the nerve to the teres minor muscle, 91, 466-70
- Giuffrida-Ruggieri, V., An instance of great reduction in size of the ala of the sphenoid, 37, 306, *rep.*
- On bipartite nasal bone, 36, 303, *rep.*
- Givel, A., Tumour removed from gum of new-born infant, 32, 788, *rep.*
- Gladstone, R. J., A case of an additional presacral vertebra, 31, 530-8; 31, xxx, P.
- Demonstration of cephalometric instruments, 36, xxxix-xli, P.
- A preliminary communication on some cephalometric data bearing upon the relation of the size and shape of the head to mental ability, 37, 333-46; 37, xxxix, P.
- Specimen of acardiac foetus (one of triplets), 39, xxv-xxvi, P.
- An acardiac foetus (acephalus omphalositicus) 40, 71-80
- A case of acephalus, 40, 297, *rep.*
- Hammer-shaped Meckel's diverticulum, 42, 459, *anat. not.*
- on a case of symphys dipus, 43, 115, *rep.*
- Central nervous system of a foetal guinea-pig 15 mm in length, 43, iii, P. (November 1908) (t.o.)
- A case in which the right ureter passed behind the inferior vena cava: with a short note upon a case in which the left renal vein passed behind the abdominal aorta, and the bearing of these abnormalities on the development of the abdominal veins, 45, 225-31
- A case of left inferior vena cava occurring in a female subject in whom the left superior intercostal vein joined the vena azygos major, and the twelfth ribs were absent, 46, 220-7
- A case of congenital atresia of the duodenum, accompanied by volvulus of the ileum, 48, 47-51
- Congenital absence of the appendix of the caecum, 414-17
- A case of congenital absence of the left kidney and ureter, 49, 418-28
- Description of specimen of abnormal descending colon, 50, 8-9, P. (March 1915)
- Specimen of manifestation of an occipital vertebra, 50, 9-10, P. (March 1915)
- Two examples of right aortic arch, 50, 20, P.
- A note on the post-natal growth of the kidney, thyroid gland and liver, 58, 170-7
- Growth of organs, 59, 81, S.P.
- Reconstruction models of the liver and adjacent organs, of a human foetus (4.5 cm.) 59, 89, S.P.
- Median and lateral apertures of the fourth ventricle of the brain, 59, 114, S.P.
- Demonstrations: A case of axillary mamma in a male; Models of the thoracic and abdominal viscera of a 9 mm. human embryo, 63, 162, P.
- Development of the inferior vena cava in the light of recent research, with especial reference to certain abnormalities, and current descriptions of the ascending lumbar and azygos veins, 64, 70-93

- Gladstone, R. J.**, The origin of the vena azygos major, 64, 110-11, *P.*
- Axillary mamma in a man, 64, 239-46
- Reconstruction of brain and cranial nerves of a 20 mm. human embryo, 65, 165, *P.*
- Demonstration of loose body in peritoneal cavity, 65, 175, *P. (t.o.)*
- Development of the sternum, 66, 152, *P.*
- on a human embryo of 19 mm. C. R. length with multiple abnormalities, 70, 198-9, *P.*
- & **Colwell, H. A.**, On some effects of X-rays on the developing chick embryo, 68, 85-95
- & **Dunlop, H. A.**, A case of hydrocephalus in an infant, with comments on the secretion, circulation and absorption of the cerebrospinal fluid, 61, 360-84; 61, 387-413
- & **Erichsen-Powell, W.**, Manifestation of occipital vertebrae, and fusion of the atlas with the occipital bone, 49, 190-209
- & **Hamilton, W. J.**, A presomite human embryo (Shaw) with primitive streak and chorda canal, with special reference to the development of the vascular system, 76, 9-44; 76, 228, *P. (disc. only)*; demonstration, 76, 229, *P.*
- & **Reissmann, C. H.**, Two examples of cardiac malformation, 50, 228-38
- & **Wakeley, C. P. G.**, Two cases, considered from the developmental standpoint, in which the right subclavian artery arose from the arch of the aorta beyond the origin of the left subclavian artery; with a note on the relation of the subclavian veins to the cardinal system, 49, 362-75
- A cyclops lamb (*C. rhinocephalus*), 54, 196-207
- Defective development of the mandibular arch, 57, 149-67
- Specimens of atlas vertebrae fused with occipital bone, 59, 105, *S.P. (t.o.)*
- Variations of the occipito-atlantal joint in relation to the metameric structure of the cranio-vertebral region, 59, 195-216
- Cervical ribs and rudimentary first thoracic ribs considered from the clinical and etiological standpoints, 66, 334-70; 65, 173-4, *P.*
- Development and histogenesis of the human pineal organ, 69, 427-54; 69, 143, *P. (t.o.)*
- The morphology of the sternum and its relation to the ribs, 66, 508-64
- The pineal organ*, 1940. 74, 560-1, *rev.*
- see also Cameron, J.
- Cockayne, E. A.
- Colwell, H. A. & Wakeley, C. P. G.
- Davies, F. & Stibbe, E. P.
- Hamilton, W. J.
- Shaw, W.
- Glasgow Patteson, R.**, see Patteson, R. Glasgow
- Glass, A.**, Localization of EEG changes due to arithmetical calculations, 99, 943-4, *P. (dem.)*
- Glasstone, Shirley**, The development of teeth in vitro, 71, 137, *P. (disc. only)*
- The development of halved tooth germs. A study in experimental embryology, 86, 12-15
- The development of tooth germs on the chick chorio-allantois, 88, 392-99
- Glautenay & Gosset**, on the perirenal fascia, 33, 354 (*ref. only*)
- Glees, P.**, The differentiation of the brain and other tissues in an implanted portion of an embryonic head, 75, 239-47
- The termination of optic fibres in the lateral geniculate body of the cat, 75, 434-40
- Optic fibre terminations in lateral geniculate body of cat and rabbit, demonstrations, 76, 229, *P.*
- The termination of optic fibres in the lateral geniculate body of the rabbit, 76, 313-18
- Observations on the structure of the connective tissue sheaths of cutaneous nerves, 77, 153-9
- The anatomical basis of cortico-striate connexions, 78, 47-51
- The contribution of the medial fillet and strio-hypothalamic fibres to the dorsal supra-optic decussation, with a note on the termination of the lateral fillet, 78, 113-17
- Observations on the neurohistology and fibre connexions of the neostriatum, 80, 217, *P.*
- Observations on the injured pyramidal system of the cat, 80, 229-30, *P.*
- Experimental study of the pyramidal tract, 81, 391, *P.*
- The localization of efferents from Area 4 in the internal capsule and corpus callosum of the macaque, 83, 76, *P.*
- Morphologie und Physiologie des Nervensystems*, 1957. 93, 139, *rev.*
- & **Clark, W. E. Le Gros**, The termination of optic fibres in the lateral geniculate body of the monkey 75, 295-308
- , **Meyer, A. & Meyer, M.**, Terminal degeneration of the frontal cortex of the rabbit following the interruption of afferent fibres, 80, 101-6; 80, 229, *P.*
- , **Oppenheimer, D. R. & Bailey, R. A.**, Observations on ascending and descending tract degeneration following midbrain tractotomy in the human, 84, 64, *P.*
- & **Wall, P.**, Fibre connexions of the subthalamic region, 80, 240-1, *P.*
- see also Pearce, G. W.
- Glenister, T. W.**, Observations on the development and radiology of Père David's deer foetus (*Elaphurus davidianus*) 87, 435, *P.*
- The early development of the Emperor Penguin, 87, 458, *P.*
- The origin and fate of the urethral plate in man, 88, 413-25; 88, 553, *P.*
- The development of the penile urethra in the pig, 90, 461-77
- The development of the prepuce in man, 90, 582, *P.*
- A correlation of the normal development of the infra-umbilical portion of the abdominal wall with the congenital malformations occurring in this region, 91, 610, *P.*
- Observations on the origin of the prostatic utricle in Man, 92, 665-6, *P.*
- A modulating influence of mesoderm on early trophoblast, 93, 586-7, *P.*
- Preliminary observations on the implantation of rabbit blastocysts in vitro, 94, 448, *P.*
- Observations on the behaviour in organ culture of rabbit trophoblast from implanting blastocysts and early placentae, 95, 474-84
- The development of the utricle and of the so-called 'middle' or 'median' lobe of the human prostate, 96, 443-55
- Further observations on rabbit blastocyst implantation in organ culture, 97, 149, *P.*
- Ultrastructure of earliest embryo-endometrial contacts and attachments, 98, 470, *P.*
- On the origin of mesenchyme in the rabbit blastocyst wall, 99, 203, *P.*
- Globus, J. H.**, *Neuro-anatomy*, 6th ed. 1934. 68, 576, *rev.*
- Practical neuroanatomy*, 1937. 72, 636, *rev.*
- Glover, T. D.**, Accessory sex structures in the male nine-banded armadillo (*Dasypus novemcinctus*) 97, 474, *P.*

Author Index

- Glover, T. D. & Gaddum, P., Some aspects of the post-natal development of the epididymis in the rabbit, 99, 417-18, *P.*
- Glucksmann, A., The role of mechanical stresses in bone formation *in vitro*, 76, 231-9
- , Howard, Alma & Pelc, S. R., Incorporation of ³⁵-DL-methionine in mouse tissues as indicated by autoradiographs. 1. Testis, epididymis and seminal vesicle, 89, 13-18
The uptake of radioactive sulphate by cells, fibres and ground-substance of mature and developing connective tissue in the adult mouse, 90, 478-85
- Glydon, R. St J., The development of the blood supply of the pituitary in the albino rat, with special reference to the portal vessels, 91, 237-44
- Gobrecht, on physiology of defecation, 8, 410, *rep.*
- Goddard, T. Russell, Hypertrophy of the interstitial tissue of the testicle in man, 54, 173-7
- Godfrey, on accessory mammary gland in each axilla, 43, 120, *rep.*
- Godlee, Rickman & Stonham, C., Anatomical specimens and casts of bronchi, 22, vi, *P.*
- Goerlich, A case of bilateral congenital osseous ankylosis of first interphalangeal joints of fourth and fifth fingers, 44, 106, *rep.*
Malformations of the radius, 44, 106, *rep.*
- Goerttler, K., *Entwicklungsgeschichte des Menschen. Ein Grundriss*, 1950. 85, 298, *rev.*
editor, *Lehrbuch der Histologie*, 29th ed. 1963. 97, 611, *rev.*
- Gogoi, P. & McKenzie, J., Further investigations into the effects of adult tissue homogenates on the explanted chick embryo, 99, 418-19, *P.*
- Goldberg, on double uterus, 33, 354 (*ref. only*)
- Goldberg, G. M., Lymphatics of the spleen, 92, 310-14
- Goldberg, L., *see* Muir, A. R.
- Goldblatt, I., A 'post-orbital' bone in the baboon, *Papio porcarius*, 62, 90-9
- Goldby, F., Placodes in the head of a bird embryo, 59, 104-5, *S.P.*
The development of the columella auris in the crocodilia, 59, 301-25
On the presence of a series of ectodermal placodes in the head region of a sparrow embryo, 62, 135-8; 59, 104-5, *S.P.*
- Paraterminal body of reptiles, 67, 192-3, *P.*
- The cerebral hemispheres of *Lacerta viridis*, 68, 157-215
- Cerebral cortex of reptiles illustrated by drawings of sections of the brain of the Gecko and other reptiles, 69, 143, *P.*
- Olfactory and thalamic connexions of the reptilian forebrain, 71, 151, *P. (t.o.)*
- An experimental investigation of the cerebral hemispheres of *Lacerta viridis*, 71, 332-55
- An experimental investigation of the motor cortex and pyramidal tract of *Echidna aculeata*, 73, 509-24
- Degeneration in cortico-spinal and other tracts in *Echidna aculeata*, 73, 673, *P. (dem.)*
- An experimental investigation of the motor cortex and its connexions in the phalanger, *Trichosurus vulpecula*, 74, 12-33
- On the relative position of the hippocampus and the corpus callosum in placental mammals, 74, 227-38
- The normal histology of the thalamus in the phalanger, *Trichosurus vulpecula*, 75, 197-224
- An experimental study of the thalamus in the phalanger, *Trichosurus vulpecula*, 77, 195-224
- A quantitative study of transneuronal atrophy in the human lateral geniculate body, 91, 567, *P.*
- & Harrison, R. J. editors, *Recent advances in anatomy*, 2nd ed. 1961. 97, 133, *rev.*
- & Jha, B. D., The effect of temperature on the maturation of regenerating peripheral nerves, 92, 667, *P.*
- & Kacker, G. N., A survey of the pyramidal system in the cynomolgus rat, *Myocastor coypus*, 97, 517-31
- & Mohiuddin, A., Preganglionic fibres of the vagus, 84, 79-80
- & Robinson, L. R., An experimental study of ascending tracts in the spinal cord of *Lacerta viridis*, 95, 287, *P.*
The central connexions of dorsal spinal nerve roots and the ascending tracts in the spinal cord of *Lacerta viridis*, 96, 153-70
see also Armstrong, J. A. and Gamble, H. J.
Breathnach, A. S.
Gamble, H. J. & Smith, G. M. R.
Nichterlein, O. E.
- Goldflam, on congenital hereditary ankylosis of the finger joints, 43, 123, *rep.*
- Goldhamer, K., *Normale Anatomie des Kopfes im Röntgenbild*, parts I & II, 1931. 66, 130, *rev.*
- Goldstein, on dyspnoea from warmth, 8, 203, *rep.*
- Goldzieher, on electrotonus, 5, 211, *rep.*
- Goldzieher, W., on implantations in the anterior chamber of the eye, 9, 415-16
- Golowin, on effect of obstructive jaundice on acids and pigment in urine, 6, 468, *rep.*
- Goltz, on cardiac inhibition of vagus in frog, 3, 461, *rep.*
on functions of the brain, 4, 182-4, *rep.*
on function of semicircular canals, 5, 211, *rep.*
on absorption of strychnia, after cessation of circulation, 6, 229, *rep.*
on influence of the nervous system on absorption, 6, 480, *rep.*
on physiological experiments on nerves of stomach and oesophagus, 7, 350-1, *rep.*
on cells of origin of nerves controlling erection, 8, 186, *rep.*
on the relation of arterial blood-pressure to blood volume, 9, 222-4, *rep.*
- Goltz, F., & Freusberg, A., on functions of the lumbar portions of spinal cord in dog, 9, 408, *rep.*
on the dilating nerves of vessels, 9, 409, *rep.*
on vasodilator nerves, 9, 213, *rep.*
- & Gergens, on vasodilator nerves, 10, 628-31, *rep.*
- Golubew, A., on walls of the capillaries of the frog, 3, 454-5, *rep.*
on development of *Batrachia*, 5, 197, *rep.*
- Gonski, A., The effect of posture and disease on the blood supply of the brain, 98, 485, *P.A.S.A.N.Z.*
- Good, J. Percy, Spina bifida in the neck region of a ferret embryo 8 mm. long, 46, 391-9
- Goodall, A. Myfanwy, Arterio-venous anastomoses in the skin of the head and ears of the calf, 89, 100-5
- Goodall, J. Strickland, *see* Strickland-Goodall, J.
- Goodhart, on effects of experimental inhalation of amyl nitrite, 5, 391, *rep.*
- Goodhart, J. F., Description of three cases of malformation of the spinal column associated with lateral curvature, 9, 1-16
- Goodhead, B., *see* Eayrs, J. T.
- Gooding, description of a dicephalus tetrabrachius tetrapus monster, 43, 117, *rep.*
- Gooding, H. & Stewart, D., Fixation and decalcification of bone, 66, 142-6, *P.*
- Goodman, N., Note on a three-toed cow, 2, 109-13
The action of the horse, 4, 8-11; 5, 89-91

- Goodrich, E. S.**, On the development of the pericardio-peritoneal canals in selachians, 53, 1-13
 Note on the reptilian heart, 53, 298-304
 The problem of the sympathetic nervous system from the morphological point of view, 61, 490-500, P.
Studies on the structure and development of vertebrates, 1930. 66, 128-9, rev.
 The spinal nerves of Myxinoidea, 72, 158-9, P.
 The hind foot of *Youngina* and fifth metatarsal in reptilia, 76, 308-12
- Goodsir, J.**, on the mechanism of the knee and hip-joint, and on the curvatures and movements of the acting facets of articular surfaces, 3, 449, rep.
- Goodwin, D.**, see Breathnach, A. S. & Goodwin, D.
 Breathnach, A. S. & Wyllie, L. M.-A.
- Goodwin, G. M.**, Russell A. Hibbs. *Pioneer in orthopaedic surgery*, 1869-1932, 1935. 70, 443, rev.
- Goormaghtigh, N.**, The thyroid in the pregnant bitch, demonstration, 61, 518, P.
 On the existence of abdominal vagal paraganglia in the adult mouse, 71, 77-90
- Göppert, E., Kallius, E. & Bolk, L.** editors, *Handbuch der vergleichenden Anatomie der Wirbeltiere*, vol. 1, 1931. 66, 280-1, rev.
 see also Bolk, L., Kallius, E. & Lubosch, L.
- Gordon, J. W.**, On certain molar movements of the human body produced by the circulation of the blood, 11, 533-36 (note by Trotter p. 755)
- Gordon-Shaw, C.**, Two cases of reduplication of the arteria cerebri posterior, 44, 244-8
- Gordon-Taylor, Sir Gordon & Walls, E. W.**, *Sir Charles Bell, his life and times*, 1958. 92, 632, rev.
- Gorron, A.** case of duplicity of the inferior vena cava, 35, 504, rep.
- Gorsch, R. V.**, *Proctologic anatomy*, 1955. 90, 459, rev.
- Gorton, B.**, Abnormal cervical vertebra of horse, 57, 380-1
 The middle sacral artery in the horse, 59, 193-4
 The relations of the facial nerve in the parotid region of the horse, 59, 80-1, S.P.
- Gorup-Besanez**, on cholic acid, 6, 468, rep.
- Gorup-Besanez, E. F. V.**, *Lehrbuch der physiologischen Chemie*, 1874. 9, 248, rep. (notice)
- Gossage**, Human affections and the Mendelian hypothesis, 44, 96, rep.
- Gosset**, see Glautenay
- Gotte**, see Kolet
- Götte, A.**, on blastoderm of trout's egg, 8, 170, rep.
- Gottlieb, B. & Orban, B.**, *Die Veränderungen der Gewebe bei übermässiger Beanspruchung der Zähne*, 1931. 67, 188, rev.
- Gottstein, J. & Nuel**, on the minute structure of the cochlea, 6, 443, rep.
- Goubaux, A.**, on variations in spinal column in domestic animals 2, 404, rep.
- Gougerot**, A case of absence of the fifth digit, and other abnormalities, 40, 300, rep.
- Goujon**, on structural effects of repeated doses of curara, 4, 169-70, rep.
 see also Cherou & Goujon
- Goujon, E.**, on the tactile corpuscles in parroquet bill, 4, 160, rep.
 on hermaphroditism, case, 4, 306, rep.
- Gould, E. L. Pearce**, see Pearce-Gould, E. L.
- Gould, J. H.**, see Hamilton, W. J.
- Gould, P.**, see Ringer, S.
- Gould, R. P. & Holt, S. J.**, Observations on the distribution of hydrolytic enzymes in nerve cells of the rat lumbar spinal cord after section of the sciatic nerve, 97, 476, P.
- see also Walls, E. W.
- Gourdon, J.**, Ectromelia, 35, 508, rep.
- Gouriet, E.**, on the function of swim-bladder of fish, 1, 367-368, abs.
- Gourvat**, on action of digitalin, 6, 499, rep.
- Gow, W. J.**, Total absence of the left lobe of the thyroid body, 19, 118, anat. not.
- Gowdey**, A case of quadruplets, 39, 501, rep.
 A case of acephalus, 40, 297, rep.
- Gowland & Cairney's Notes on anatomy**, vol. II, 4th ed. edited by W. E. Adams & G. C. Schofield, 1961: vol. III, 2nd ed. edited by W. E. Adams, 1959. 96, 307, rev.
- Gowland, W. P.**, Preliminary note on a diarthrodial articulation between the clavicle and the coracoid, 49, 187-9
- Gräbe, C.**, see Schultzen, O.
- Gradenigo, G.**, on malformation of pinna, 27, 419, rep.
- Graetzer**, on etiology of congenital high position of the scapula, 43, 123, rep.
- Graham, J. D. P.**, see Lever, J. D.
 Lever, J. D., et. al.
 Spriggs, T. L. B., & Rees, P. M.
- Graham, L.**, Notes on the dissection of an agnathic foetus, 47, 425-32
- Graham, Norah E.**, see Rees, J. E.
- Graham, T.**, see Handyside, A. P. D.
- Grahame, T.**, Celloidin corrosion preparations of mammalian kidneys, 81, 404, P. (dem.)
 Alizarin preparations of foetal mammals, 81, 404, P. (dem.)
 see also Tehver, J.
- Grancher**, on pulmonary tuberculosis, 13, 414-23, abs.
- Grandry**, on the structure of the suprarenal capsule, pituitary and pineal glands 2, 398, rep.
 on structure of nerve fibres 3, 198, rep.
 on Pacinian [lamellated] corpuscles and nerve endings in the skin, 4, 160, rep.
- Granfield**, on the physiological role of the anastomosis between the superior and inferior laryngeal nerves, 33, 505-6 (ref. only)
- Grant, J. C. Boileau**, Duodenal diverticula, 57, 357-9
 Appointed to Chair of Anatomy, University of Toronto, 65, 401
A method of anatomy, 2nd ed. 1940. 75, 143, rev.; 3rd ed. 1944. 73, 198, rev.
- Grant, R. T.**, The effects of denervation on skeletal muscle blood vessels (rat cremaster), 100, 305-16
 — & Thompson, R. H. S., Cholinesterase and the nerve supply to blood vessels in the rabbit's external ear, 97, 7-22
- Gratton, J.**, Craniometer of (Symington) 38, 259-74; 38, xxviii, P.
- Graves, F. T.**, The aberrant renal artery, 90, 553-8
- Grawitz, P.**, Contributions to the systematic botany of vegetable parasites, with experimental researches on the diseases produced by them, 12, 496-501, abs.
- Gray's Anatomy, descriptive and applied**, ed. by Johnston, 25th ed. 1932. 67, 486, rev.; 26th ed. 1935. 70, 322, rev.; edited by T. B. Johnston & J. Whillis, 29th ed. 1946. 81, 121, rev.; edited by T. B. Johnston, D. V. Davies & F. Davies. 32nd ed. 1958. 93, 268, rev.; edited by Davies, D. V. & Davies, F. 33rd ed. 1962. 97, 296-7, rev.
- Gray, A.**, An investigation into some of the principles of auscultation, 31, 202-232; 31, 354-380
 On a modification of the Helmholtz theory of hearing, 34, 324-50
 On a method of preparing the membranous labyrinth, 37, 379-81

Author Index

- Gray, A., Anatomical notes upon the membranous labyrinth of man and of the seal, 39, 349-61
 Note on the comparative anatomy of the middle ear, 47, 391-413
- Gray, D. J., *see* Gardner, E. & O'Rahilly, R.
- Gray, E. G., The structures of fast and slow muscle fibres in the frog, 92, 559-62
 Axo-somatic and axo-dendritic synapses of the cerebral cortex: an electron microscope study, 93, 420-33; 93, 577, P.
 The granule cells, mossy synapses and Purkinje spine synapses of the cerebellum: light and electron microscope observations, 95, 345-56
 Electron microscopy of presynaptic organelles of the spinal cord, 97, 101-106
 Negative staining of brain fragments for electron microscopy, 97, 309, P.
 — & Guillery, R. W., A note on the dendritic spine apparatus, 97, 389-92
 — & Hamlyn, L. H., Electron microscopy of experimental degeneration in the avian optic tectum, 96, 309-16
 The isolation of nerve endings from brain: and electron-microscope study of cell fragments derived by homogenization and centrifugation, 96, 79-88
see also Willis, R.
- Gray, H. & Woollard, H. H., Observations on lymphatics with remarks on technique, 70, 195, P. (t.o.)
- Gray, H. A. Chattham, Note on the case of atrophy of right hemisphere of cerebrum, left cerebellum, 11, 353
- Gray, J. D., A film of a dissection of the human middle ear, 93, 573, P.
- Gray, J. E., on crania of *Otaridae*, 4, 163, *rep.*
 on the genus *Balaena*, 5, 197, *rep.*
 on *Dioplodon sechellensis*, 5, 197, *rep.*
 notes on *Berardius*, 6, 445, *rep.*
 on occurrence of *Orca stenorhyncha* in Sweden, 7, 335, *rep.*
 on *Berardius* and other Ziphioid whales, 7, 335, *rep.*
 on some remarks on Hector's paper on whales and dolphins of the New Zealand seas, 7, 335, *rep.*
 on distribution, habitat and migrations of whales and dolphins, 7, 335, *rep.*
 on the New Zealand sea bear (*Arctocephalus cinerius*) and North Australian sea bear (*Gypsophoca tropicalis*) 7, 335, *rep.*
 on *Epiodon heraultii*, 7, 336, *rep.*
 on bones of sternum of chelonians, 7, 337, *rep.*
 on skeleton of *Sphargis*, 7, 337, *rep.*
 on anatomy of skeletons of *Kogia macleayii*, 8, 176, *rep.*
 on pigs and their skulls, 8, 176, *rep.*
 on dentition of rhinoceroses, 8, 176, *rep.*
 on bones in the sternum of young tortoises, 8, 177, *rep.*
 on *cetacea*, 9, 404, *rep.*
 on seals of Japan and crania of *Eumetropias elongatus*, 9, 405, *rep.*
 genera of turtles (*Oiacopodes*) and skull of *Sternotherus*, 9, 406, *rep.*
- Gray, J. E., A case of a man with a uterus, 93, 575, P.
 Chromosome analysis in agenesis of the gonad, 95, 285, P.
- & Ogden, D. A., Sex chromatin and the X chromosome in man, 97, 629-30, P.
see also Catton, W. T.
- Gray, J. H., Preliminary note on the mast cells of the human pituitary and of the mammalian pituitary in general, 69, 153-8
 The hair tracts of the Australian aboriginal, 69, 206-25
 The lymphatics of the stomach, 71, 492-96; 72, 144, P.
 Regeneration of lymphatics in human tissues, 72, 150-1, P.
 Experiments on lymphatic regeneration, 72, 622, P.
 Experiments on the growth and regenerative capacity of lymphatic trunks, 73, 671-2, P. (*disc. only*)
 Techniques for investigation of lymphatic vessels, 73, 673, P. (*dem.*)
 Studies of the regeneration of lymphatic vessels, 74, 309-35
see also Woollard, H. H.
- Gray, J. St Clair, on strychnia poisoning and antidotes, 5, 393, *rep.*
- Gray, O., Methods employed in demonstrating the anatomy of the ear, 84, 401, P.
- Gray, R., The external auricular opening and the external auditory meatus in the Greenland-right whale (*Balaena mysticetus*) 23, 300-7
 On the rudimentary glandular structure from the upper jaw of *Balaena mysticetus*, which may represent the parotid, 25, ii, P. (SMS) (t.o.)
see also Woodhead, G. S.
- Grayson, J., The cutaneous ligaments of the digits, 75, 164-5
see also Field, E. J. & Rogers, A. F.
- Graziadei, P., Comparative study of the vertebrate olfactory receptors, 100, 700, P. (*dem.*)
- Greatrex, G. H. & Scothorne, R. J., The mesenteric lymph nodes and the fat transport pathway, 97, 628, P.
- Green, An abnormal cavum septum pellucidum, 64, 128, P.
 Dissections of brain, mounted, 64, 128, P.
- Green, C. A. Leedham-, *see* Leedham-Green, C. A.
- Green, H. L. H. H., A description of the egg tooth of *Ornithorhynchus*, together with some notes on the development of the palatine processes of the premaxillae, 64, 512-22
 An unusual case of atlanto-occipital fusion, 65, 140-4
 The occurrence of a tenuissimus muscle in a human adult, 65, 266-71
 Brain sections stained by Mulligan's method, 67, 213, P. (*dem.*)
 The preparation of serial macroscopic brain sections for teaching purposes, 67, 346-9, *anat. not.*
 Brain of *Ornithorhynchus*, 72, 173, P.
see also Gaskell, J. F.
- Green, J. D., The comparative anatomy of the vessels and nerves of the pituitary body, 83, 82, P.
- & Harris, G. W., A note on the blood supply and nerve supply of the hypophysis cerebri, 80, 247, P.
- Green, J. H., *see* Boss, J.
- Green, L. H., A rapid method of cleaning bones, 69, 152, P. (*dem.*)
- Green, N. A., *see* Cave, A. J. E.
- Green, R. B. & Whillis, J. W., Dissection of the brain, film, 69, 134, P.
see also Whillis, J.
- Green, R. M., *Warren's Handbook of anatomy*, 1930, 65, 405, *rev.*
- Green, S. H., Mandl, A. M. & Zuckerman, S., The proportion of ovarian follicles in different stages of development in rats and monkeys, 85, 325-9
- & Zuckerman, S., Quantitative aspects of the growth of the human ovum and follicle, 85, 373-5
see also Zuckerman, S.

- Greene**, on supernumerary digits traced through four generations, 43, 124, *rep.*
- Greene, Clayton**, *see* Clayton-Greene
- Greene, E. C.**, *The anatomy of the rat*, 1955. 90, 457-8, *rev.*
- Greene, H. C.**, *translator*, *An introduction to the study of experimental medicine* (Bernard) 1927. 63, 395-6, *rev.*
- Greenfield**, Notes on the growth of a fungus, 25, ii, *P.* (SMS) (*t.o.*)
- Greenfield, B. E. & Wyke, B. D.**, Electromyographic observations on some of the muscles of mastication, 89, 578, *P.*
- The innervation of the cat's temporo-mandibular joint, 98, 300, *P.* (*dem.*)
- Greenfield, W. S.**, A case of malformation of the heart, with large deficiency in the interauricular septum, patency of the foramen ovale and stenosis of the aortic orifice, 24, 423-33
- Greenish, R. W.**, A case of primary sarcoma of the pleura, 17, 333-8
- Greenspan, J. S. & Blackwood, H. J. J.**, Histochemical studies of chondrocyte function in the cartilage of the mandibular condyle of the rat, 100, 434-5, *P.*
- Histochemical studies of chondrocyte function in the cartilage of the mandibular condyle of the rat, 100, 615-26
- Greenwell, W. & Rolleston, G.**, *British barrows: a record of the examination of sepulchral mounds in various parts of England*, 1877. 12, 661-2, *rev.*
- Greenwood, A. W.**, *see* Roberts, J. A. Fraser
- Greenwood, F.**, *see* Miall, L. C.
- Gregory, P. W.**, *see* Lewis, W. H.
- Gregson, N. A. & Williams, P. L.**, An E.M. method of estimating organelle concentration in subcellular fractions, 100, 448, *P.* (*dem.*)
- Gréhant**, on respiration of fishes, 5, 215, *rep.*
- on excretion of urea by the kidneys, 5, 216, *rep.*
- on absorption of oxygen by blood, 8, 199, *rep.*
- & **Duquesnel**, on effect of crystalline extract of aconitia on frogs and warm-blooded animals, 6, 496, *rep.*
- Greig, D. M.**, Congenital and symmetrical perforation of both parietal bones, 26, 187-91
- Function of the teres minor, 59, 43-5, *S.P.*
- Greig Smith, J.**, *see* Smith, J. Grieg
- Grell, J. M. P.**, *see* Taylor, R. Stanley,
- Grenacher**, on muscles of *Gordius*, 4, 301, *rep.*
- Gresham, G. A.**, *see* Chalmers, D. G.
- Gresheimer, Esther M.**, *see* Chafee, Ellen E.
- Greulich, W. W. & Pyle, S. I.**, *Radiographic atlas of skeletal development of the hand and wrist*, 1950. 85, 103, *rev.*
- Greve, G.**, on the act of vomiting, 9, 237, *rep.*
- Grieve, J. & MacDougall, J. D. B.**, Muscular activity in certain Yoga exercises, 88, 585, *P.*
- Griffin, C. J.**, The dental nociceptive reflex, 97, 486, *P.A.S.A.N.Z.*
- Vascular hyperplasia of the periodontal membrane, 98, 488, *P.A.S.A.N.Z.*
- Fibroblasts of the developing human dental pulp, 99, 953, *P.A.S.A.N.Z.*
- The ultrastructure of the oxytalan fibre, 100, 950, *P.A.S.A.N.Z.*
- Griffin, M.**, Some varieties of the last dorsal and first lumbar nerves, 26, 48-55
- Griffith**, Case of supernumerary breast, 38, 367, *rep.*
- Griffith, E.**, A case of congenital malformation of the heart, 30, 460, *rep.*
- Griffith, T. Wardrop**, Congenital malformation of the heart with transposition of the viscera, 25, xviii, *P.*
- A case of transposition of the thoracic and abdominal viscera with congenital malformations of the heart and certain abnormalities of the arterial and venous systems, 26, 117-29
- on a case of congenital malformation of the heart with lateral and antero-posterior transposition of the aorta and pulmonary arteries, 29, xiv, *P.*
- on a human male larynx, which presented a diverticulum, 30, xv-xvii, *P.*
- Fusion of occipital bone and atlas, 30, xvii-xix, *P.*
- An abnormal muscle of the hand, with remarks on the course of the radial artery, 31, 283-7; 31, xxiv-v, *P.*
- Band in left auricle of heart, 30, vi-viii, *P.*
- Heart with imperfection of the septum, without cyanosis, 31, xviii-xx, *P.*
- Heart showing abnormal pulmonary valves, 31, xx-xxi, *P.*
- A specimen of musculus supraclavicularis proprius of Gruber, 31, xxiii-xxiv, *P.*
- Example of a large opening between the two auricles of the heart, unconnected with the fossa ovalis, 33, 261-2
- Talus, 33, 498, *anat. not.*
- on an anomalous arm muscle, 33, 501-2, *anat. not.*
- Specimen on great redundancy of the fossa ovalis, 33, 502, *anat. not.*
- Obstruction of the inferior vena cava, 33, 503, *anat. not.*
- on a case of fusiform dilatation of the oesophagus, 33, 504 (*ref. only*)
- Demonstration of 2 samples of moderator band of left ventricle of heart, 34, xxxi-ii, *P.* July 1899
- Demonstration of a heart, with a band passing from the posterior group of papillary muscles, through mitral orifice to margin of valve of foramen ovale, 34, xxxii-iii, *P.* July 1899
- Three specimens of imperforate anus, 34, xxxiii, *P.* July 1899
- Note on a case of muscular abnormality observed during life, 36, 387-8
- Demonstration of abnormalities of the heart, 36, xxvi, *P.*
- An example of a peculiar malformation of the tricuspid valve of the heart, 37, 251-4
- Note on a second example of division of the cavity of the left auricle into two compartments by a fibrous band, 37, 255-7
- Two specimens of deficient interventricular septum in front of the pars membranacea, 43, iii, *P.* (July 1907)
- Specimen of divided left atrium, 73, 669, *P.* (*dem.*)
- & **Oliver, J.**, Cutaneous nerves of the trunk, with special reference to herpes zoster, 24, iii, *P.* (*t.o.*); 24, xi-xii, *P.*
- Griffith, W. S. A.**, Naegele pelvis, 21, 163-5, note by Professor Humphry, 21, 165-6, *anat. not.*
- Griffiths, J.**, The normal position of the big toe, 36, 344-55; 36, xlv, *P.* (*t.o.*)
- Observations on the anatomy of the prostate, part I, 23, 374-86; 23, xvii, *P.*
- Observations on the function of the prostate gland in man and lower animals, part II, 24, 27-41
- The prostate gland: its enlargement or hypertrophy, 24, 236-46
- Observations on the urinary bladder and urethra, part I, muscular fibres, 25, 535-49; part II, the nerves, 29, 61-83; part III, physiology, 29, 254-75
- The structural changes observed in the testicles of aged persons, 27, 474-82

Author Index

- Griffiths, J., The structural changes in the testicle of the dog when it is replaced within the abdominal cavity, 27, 483-500
 Observations on the appendix of the testicle, and on the cysts of the epididymis, the vasa efferentia and the rete testis, 28, 107-24
 Retained testis in man and in the dog, 28, 209-20
 The condition of the testes and prostate gland in eunuchoid persons, 28, 221-7
 Varieties of hydrocoele of the tunica vaginalis testis and some anomalous states of the processus vaginalis, 28, 291-302
 The effects upon the testes of ligature of the spermatic artery, spermatic veins, and of both artery and veins, 30, 81-105
 A descriptive account of the genital apparatus in the boar and the pig, 31, 268-76
- Griffiths, K., see Baillie, A. H.
 Hart, D. McK., Baillie, A. H. & Cameron, E. H. D.
- Griffiths, W. F. B., Early development of reptilian embryos, 72, 175, P. (t.o.)
 — & Amoroso, E. C., The placenta of the blackbuck (*Antelope cervicapra*), with remarks on some features in the placentation of the cow, sheep and goat, 73, 672, P. (t.o.)
 see also Amoroso, E. C.
 Amoroso, E. C., & Hamilton, W. J.
 Amoroso, E. C. & Jackson, J. H.
 Hamilton, W. J. & Amoroso, E. C.
- Griffon, Uterus bicornis, 30, 461, rep.
- Grigoreva, T. A., The innervation of blood vessels, trans. from the Russian by Catherine Matthews & C. R. Pringle, 1962, 97, 467-8, rev.
- Grillo, T. A. I., A histochemical study of phosphorylase in embryonic tissue, 94, 449-50, P.
 The ontogeny of function of the α -cells of the pancreas of the chick embryo, 95, 284, P.
 Foetal pancreatic insulin in foetuses of normal, diabetic, hyperinsulinic and adrenalectomized rodents, 97, 155-6, P.; Glycogen synthesis in embryonic tissues by the uridine diphosphate glucose-glycogen synthetase pathway, 97, 156, P.
 — & Lewis, P. R., A simple sulphation technique for the demonstration of tissue carbohydrates, 93, 581, P.
- Grimm, on physiology of vomiting, 6, 242, rep.
- Grimsdale, H. B., a specimen of left inferior vena cava without transposition of viscera, 28, v-vi, P.
- Gripat, on anencephaly, 7, 332, rep.
- Grönberg, A., Beitrag zur Kenntnis der klinischen Verwertbarkeit des Holmgrenschen Frontalreflexes, Acta med. scand., suppl. XXV, 1928, 63, 498, rev.
- Gronnauer, on cervical rib, 33, 679 (ref. only)
- Grönroos, on preservation of subjects, 33, 357 (ref. only)
- Groome, J. R., A note on an abnormal heart of *Rana temporaria*, 67, 620-1, anat. not.
 see also Zuckerman, S.
- Grosheintz, A., Hystisaphy and leptoprosopy, 34, 417, rep.
- Groskopf, K. W. & Tischendorf, R., Das normale menschliche Skelett in Röntgenskizzen, 2nd ed. 1962, 97, 611, rev.
- Gross, C. F., Essai sur la structure microscopique du rein, 1868, 3, 187-188, rev.
 on kidney structure, 3, 202, rep.
- Grosse, Case of child cyanosed at birth and living four days, 38, 367, rep.
- Grosse, H., Das Problem der Stippchengallenblase, 1961, 66, 134, rev.
- Grosse, V., A case of absence of the tibia, 36, 306, rep.
- Grosser, Otto, On the metameric structure of the skin in vertebrates, 39, lii-liii, P.
- Grossman, A case of double congenital anophthalmus, 39, 503, rep.
- Grossman, J., A note on the radiological demonstration of perirenal space, 88, 407-9
- Grossman, J. D., revisor The anatomy of the domestic animals (Sisson) 3rd ed. 1938, 73, 349, rev.
- Grossmann, Congenital absence of the dilator of the pupil, girl aged 5½ years, 40, 298, rep.
 Congenital heart defect, 44, 102, rep.
- Grove, A. J. & Newell, G. E., A case of abnormality in the venous system of the common frog (*Rana temporaria*) 68, 341-5; 69, 130-1, P. (disc. only)
- Gruber, W., on a case of vena hemiazyga opening into right atrium of the heart, 1, 153, rep.
 secondary carpal bones in man, 1, 357, rep.
 on valvular arrangements in the vena azyga and its branches, 1, 357, rep.
 on musculus epitrochleo-anconeus, 2, 165, rep.
 on the bursae mucosae of the upper limb, 2, 166, rep.
 on relation of left innominate vein to thymus gland, 2, 168, rep.
 on the mammary gland in the male, 2, 174, rep.
 on rudimentary radius, 2, 392, rep.
 on anomalous relation of median nerve to pronator teres, 2, 394, rep.
 on anomalous position of ulnar nerve anterior to the medial epicondyle, 2, 394, rep.
 on a double ulnar artery, 2, 397, rep.
 on superficial position of ulnar artery, 2, 397, rep.
 on presence of cervical rib in a dog, 2, 402, rep.
 on a supernumerary deep circumflex iliac artery, 2, 397, rep.
 on a superficial median artery, 2, 397, rep.
 on five examples of processus supracondyloideus internus humeri, 3, 195, rep.
 on anomalies of muscles of upper limb, 3, 196-97, rep.
 on deep cervical fascia, 3, 197, rep.
 on variations in the external jugular vein, 3, 200, rep.
 on malformations of the mesentery, 3, 456, rep.
 on additional carpal bone, 4, 150-1, rep.
 on supernumerary cervical ribs, 4, 151, rep.
 on variations in the muscles of the trachea and larynx, 4, 153, rep.
 on congenital malformation of foot, fingers and congenital diaphragmatic hernia, 4, 160-1, rep.
 on anatomy of base of skull, 4, 300, rep.
 on musculus broncho-oesophagus dexter, 4, 301, rep.
 on styloid processes of temporal bone, 5, 192, rep.
 on styloid process as separate epiphysis of metacarpal third bone, 5, 192, rep.
 on variation of parietal bone, 5, 192, rep.
 on variations of radial and ulnar arteries, 5, 193, rep.
 on supernumerary lobe to right lung, 5, 196, rep.
 on osteology of the hand and foot, 5, 375, rep.
 on variations in triceps brachii, 5, 376-7, rep.
 on communication between median and ulnar nerves in fore-arm, 5, 378, rep.
 on variations in radial artery, 5, 378, rep.
 on polydactylism and syndactylism, 5, 382, rep.
 on tarsal scaphoid, 6, 433, rep.
 on deltoid process on clavicle, congenital hole of scapula and supernumerary carpal bone, secondary calcaneum and first inter metatarsal joint, 6, 433, rep.
 on variation of dorsal branch of ulnar nerve, 6, 436, rep.
 on aberrant course of facial nerve in parotid gland, 6, 436, rep.

Author Index

- Gruber, W.**, on variations in the branchial radial and ulnar arteries, venous circulatory system and popliteal vein, 6, 437, *rep.*
on absence of middle portion of left deltoid, and variations in muscles, 6, 441-2, *rep.*
on polydactylism, 6, 443, *rep.*
on supernumerary carpal bones, 7, 167, *rep.*
on muscular variations, 7, 168, *rep.*
on arteria thyroidea ima and variations of internal mammary and thyro-cervical arteries, 7, 171, *rep.*
on a supernumerary carpal scaphoid bone and extension of superior angle for insertion of serratus anterior, 7, 326, *rep.*
on muscle variations: cleido-hyoideus, supraclavicularis, sterno-fascialis, obliquus extensus abdominis supernumerary, protractor arcus cruralis, tensor of posterior layer of rectus sheath, 7, 327-8, *rep.*
on muscle variations: tensor fasciae transversalis, absence of inguinal portion of obliquus internus, tensor fasciae suralis, 7, 328, *rep.*
on protrusions of synovial membranes, 7, 329, *rep.*
on zygomatic (malar) bipartite bone, 8, 159, *rep.*
on variations of mental foramen, 8, 159, *rep.*
on ossicles in anterior fontanelle (10,000 human crania and mammalian skulls) 8, 386, *rep.*
on supernumerary bones in zygomatic arch in man, 8, 386, *rep.*
on modifications in dental foramen and mylo-hyoid groove in lower jaw, 8, 386, *rep.*
on frontal temporal articulation, 58 cases in man and other mammals, 8, 386, *rep.*
on mylohyoid groove of mandible; and supernumerary carpus, 9, 190, *rep.*
on variations in infra-orbital canal, 9, 190, *rep.*
on supernumerary bones of zygomatic arch, 9, 190, *rep.*
on sesamoid bones, fabella, 9, 389, *rep.*
on musculus plantaris bicaudatus in man, 9, 390, *rep.*
on supernumerary crico-thyroid articulation of larynx, 9, 397, *rep.*
on epiphysis in styloid process of 5th metatarsal bone; epiphysis of trapezium; malar bone, with two centres of ossification; anterior ossification in fontanelle; ectopic ossification in soft tissues; enlargement of mastoid canal, pneumatization of crista galli; fusion of ribs; intracranial exostosis, 10, 440, *rep.*
on variations of muscles; pisohamatus; extensor digitorum communis manus (4 cases); extensor digitorum longus pedis (1 case); flexor pollicis longus; rudimentary external oblique; scapulo-clavicularis; tensor semivaginae articulationis humero-scapularis; extensor digiti secularis pedis longus, 10, 443, *rep.*
on variation of musculocutaneous nerve, 10, 446, *rep.*
on supernumerary nipples in a man, 10, 454, *rep.*
The os centrale in the human carpus, 18, 119-20 (35/5129 cases)
Presentation to, to commemorate 40 years teaching in anatomy, 21, 679-80
Grübler, G., on the crystalline constituents of the lung, 11, 558, *rep.*
Grünbaum, A. S., Some points in the anatomy of the sub-occipital region, 25, 428-32; xi, *P. (L.O.)*
Anomalous 6th and 7th cervical vertebrae, 25, x-xi, *P.*
On embryonic relation of the fibula to the femur, 26, xx, *P.*
Grüneberg, H., The relations of endogenous and exogenous factors in bone and tooth development. The teeth of the grey-lethal mouse, 71, 236-44
The pathology of development. A study of inherited, skeletal disorders in animals, 1963. 98, 461-2, *rev.*
Grünhagen, on the existence of the dilator pupillae muscle, 1, 356, *rep.*
on effect of glycerine upon fibrinogen and fibrinoplastic substance, 4, 320-1, *rep.*
on effects of sympathetic stimulation on iris, 5, 400, *rep.*
on secondary contractions in muscles, 8, 186, *rep.*
on influence of variation of temperature on mammalian iris and striated muscle fibre of frog, 8, 429, *rep.*
— & **Englemann**, on interrupted stimulation, in nerves and muscles, 8, 186, *rep.*
see also Hoppel
Grünhagen, A. V., on posterior surface of the iris, 8, 173, *rep.*
on two electro-physiological disputed points, 8, 423, *rep.*
on the posterior limiting membrane of the human iris, 9, 219, *rep.*
Grunmach, on polygraphs, 11, 557, *rep.*
Grünnhagen, on a method of estimating action of pepsin, 6, 460, *rep.*
Grützner, on chemical reaction of active and inactive muscles, 8, 213, *rep.*
— & **Chtapowski**, on mechanism of secretion of saliva following nerve stimulation, 8, 184, *rep.*
see also Ebstein
Grützner, P., on a method of estimating the quantity of pepsin by the colour, 9, 235, *rep.*
on physiology of secretion of the urine, 10, 650, *rep.*
on formation and excretion of pepsin, 11, 201-4, *rep.*
on enzymes of pancreas, salivary and Brunner's glands, 11, 561-2, *rep.*
on different varieties of nerve irritation, 13, 123, *rep.*
Grynfeldt, Professor, Experimental studies on the method of formation of collagen connective tissue in scars, 61, 493-4, *P.*
Grynfeldt, on a case of fronto-nasal encephalocele, 42, 136, *rep.*
Grzybowski, J. de, *see* Anthony, R.
Gschleidlen, on action of morphia, 3, 473-4, *rep.*
on observations on Welcker's method of estimating the quantity of blood, 8, 199, *rep.*
see also Bezold, A. von
Gschleidlen, R., on acid/alkaline reaction of the central nervous system, 8, 181, *rep.*
on observations on Welcker's method of estimating the quantity of the blood, 8, 403-4, *rep.*
on reducing power of active muscles, 9, 245, *rep.*
Physiologische Methodik, part I, 1876. 10, 658, *rep.* (notice)
Gubler, on symptoms of poisoning by chloral 8, 220, *rep.*
Guéniot, P., Supernumerary breast in a man, 32, 789, *rep.*
Guerie & Lacoste, A case of double congenital fistulae affecting the lower lip, 44, 100, *rep.*
Guibert, on congenital encephalocele, 29, 469, *rep.*
Guieyesse, A. & Rabaud, E., Description of a foetus affected with ectropion of the bladder, 36, 300, *rep.*
Guillain, G. & Bertrand, I., *Anatomie topographique du système nerveux central*, 1926. 62, 123-4, *rev.*
Guillery, R. W., A quantitative study of the mamillary bodies and their connexions, 89, 19-32
A quantitative study of the cell/fibre relationships in the mamillary bodies of the rabbit and the cat, 88, 555, *P.*

Author Index

- Guillery, R. W., Degeneration in the post-commissural fornix and the mamillary peduncle of the rat, 90, 350-70
 The non-mamillary fibres in the post-commissural fornix, 90, 565, P.
 Degeneration in the hypothalamic connexions of the albino rat, 91, 91-115
 Ascending fibres in the medial forebrain bundle of the rat, 91, 569, P.
 Afferent fibres to the dorso-medial thalamic nucleus in the cat, 93, 403-19; 93, 574, P.
 see also Cowan, W. M. & Powell, T. P. S.
 Gray, E. G.
 Powell, T. P. S. & Cowan, W. M.
 Guinane, Francis R., Two anomalies in the construction of the diaphragm, 59, 83-6
 Guinard, L., on anophthalmia in guinea-pigs, 27, 418-19, rep.
Précis de tératologie anomalies et monstrosités chez l'homme et chez les animaux, 1893, 27, 428, rev.
 Guinness, F. E. see Matty, A. J.
 Guizzetti, A. Case of absence of vas deferens and vesicula seminalis, 40, 300, rep.
 Guldberg, G., & Nansen, F., *On the development and structure of the whale: Part I. On the development of the dolphin*, 1894, 29, 471, rev.
 Guldberg, G. A., On the existence of a fourth species of the genus *Balaenoptera*, 19, 293-302
 Gullan, Congenital malformed heart, 43, vi-vii, P. (March 1908)
 Gulland, G. Lovell, A simple method of fixing paraffin sections to the slide, 26, 56-9
 The anatomy of the digestive tract in the salmon, 35, 114-16
 see also Hart, D. Berry
 Gullberg, J. Ekblem & Burkitt, A. N., An abnormal skull from New Guinea, with remarks on the structure of the mandible, 59, 41-55
 see also Burkitt, A. N.
 Gulliver, G., On the coloured corpuscles of the blood of pyrenaematous and apyrenaematous vertebrates, 2, 1-7
 Fovea centralis in the eye of the fish, 2, 12
 on lens fibres in petromyzon, 3, 455, rep.
 Sketches to a scale of the auditory organs of certain common molluscs, 4, 79-81
 on muscular sheath of cardiac end of oesophagus in Aye Aye (*Chiromys madagascariensis*), 4, 307, rep.
 on red blood corpuscles in various mammals, 5, 198, rep.
 on taxonomic significance of oesophagus muscle in classification of vertebrata, 5, 386, rep.
 on erythrocytes of lamina cornubica, 6, 438, rep.
 on blood corpuscles of the *Salmonidae*, 8, 178, rep.
 on measurement of red blood-corpuscles in *Hippopotamus amphibius*, *Otaria jubata* and *Trichechus rosmarus*, 9, 392, rep.
 on sizes and shapes of red blood corpuscles of vertebrates, 10, 205-7, rep.
 on size of spermatozoa of *Petromyzon*, 10, 453-4, rep.
 Skull with Wormian bones in the frontal suture, 25, ii-iii, P.
 Gunn, Roberts, J., see Roberts, J. Gunn
 Gunn, R. Marcus, A contribution to the minute anatomy of the human retina, 11, 357-9, (note by Schäfer p. 516)
 On the eye of *Ornithorhynchus paradoxus*, 18, 400-5
 Günsburg, M., Abortion of four foetuses, 31, 457, rep.
 Günther, see Bruck
 Günther, A., on the anatomy of *Hatteria* (*Rhynchocephalus*, Owen) 2, 403-4, rep.
 on *Ceratodus*, 5, 386-7, rep.; 6, 448, rep.
 Gürowski, A., see Kadanoff, D.
 Gurr, E., *A practical manual of medical and biological staining techniques*, 2nd ed. 1956. 91, 298, rev.
Encyclopaedia of microscopic stains, 1960, and *Methods of analytical histology and histo-chemistry*, 1958. 94, 567, rev.
 — & MacConaill, M. A., Acid triphenylmethane dyes in neurological staining, 94, 290, P.
Staining animal tissues. Practical and theoretical, 1962. 97, 465, rev.
 The demonstration of erythrophile substances in tissues, 94, 450, P.
 see also MacConaill, M. A.
 Gusserow, A., on nutrition of the foetus *in utero*, 6, 440, rep.
 Guthrie, on precocious obesity and hirsuties and affections of the adrenals, 43, 116, rep.
 The relation between precocity and the ductless glands, 43, 116, rep.
 Guthrie, D., Selection of early works on anatomy, 81, 404, P. (dem.)
 Gutmann, E., The reinnervation of muscle by sensory nerve fibres, 79, 1-8
 — & Bowden, Ruth E. M., Some problems raised by the study muscle biopsies taken from long-standing cases of anterior poliomyelitis, 81, 384, P.
 — & Young, J. Z., The re-innervation of muscle after various periods of atrophy, 78, 15-43; 80, 218-19, P.
 see also Bowden, Ruth E. M.
 Guttmacher, A. F., *Life in the making: the story of human procreation*, 1934. 68, 577, rev.
 Guttman, on the poisonous properties of Nitrobenzole, 1, 155, rep.
 Guttman, P., on paralysis of the vagus in man, 8, 399, rep.
 Guttmann, on the action of conia, 1, 155, rep.
 On the injection of dilute acids into the blood, 13, 243, rep.
 see also Eulenburg
 Guttmann, L., The distribution of disturbances of sweat secretion after extirpation of certain sympathetic cervical ganglia in man, 74, 537-49
 Guttman, P., on cause of first heart sound, 4, 186, rep.
 on heart beat, 10, 646, rep.
 The cause of the heart's impulse, historically considered, 14, 267-8, abs.
 Guye, on Zöllner's pseudoscopic figure, 9, 219, rep.
 Guyon, on the effect of thyroid gland on carotid blood-flow, 3, 208, rep.
 see also Labbe & Rabuteau
 Guyot, A case of occipital encephalocoele, 44, 100, rep.
 Oesophageal abnormality, 44, 102, rep.
 Gwosdew, J., on the spectrum of the blood, 2, 427, rep.
 Gwyn, D. G. & Aitken, J. T., The formation of new motor endplates in mammalian skeletal muscle, 100, 111-26
 Gyorgyai, see Plosz
 Haab, O., on pathological growth of bones, 9, 443, rep.
 Haast, J., on a description of small species of *Euphysetes pottsi*, 9, 404, rep.
 Haberer, on the veins of the testis and their varieties, 33, 504 (ref. only)
 Habermann, see Hlasiwetz
 Haddara, M., A quantitative study of the postnatal changes in the packing density of the neurons in the visual cortex of the mouse, 90, 494-501
 Haddon, on craniology of the Arawaks of Jamaica, 33, 506 (ref. only)

Author Index

- Haddon, A. C.**, On the stridulating apparatus of *Callomystax gagata*, 15, 322-6
Studies, in Irish Craniology. The Aran Islands, County Galway in *Proc. R. Irish Acad.*, Dec. 12, 1892. 29, 141, 142, *rev.*
on stone weapons from New Guinea, 29, xviii, P.
Specimens from New Guinea, 34, xxxiii-iv, P. July 1899
- & **Browne, C. R.**, The ethnography of the Aran Islands, in *Proc. R. Irish Acad.*, Dec. 12, 1892. 29, 141, 142, *rev.*
- Hadek, R.**, Observations in ova recovered from the oviduct and uterus of sheep, 87, 435, P.
Observations on secretory activity in the oviduct of the ewe, 88, 564, P.
Observations on the secretory activity in the uterus of the sheep, 88, 573-4, P.
- Hadfield, G. J.**, *see* Sissons, H. A.
- Hadfield, J. I. H.**, The response of the mammary gland of the weanling male mouse to the injection of hormones concerned in mammogenesis, 91, 582, P.
The use of the weanling male mouse breast for the assay of oestrone and prolactin, 92, 130-6
- Hadley, L. A.**, *Anatomico-roentgenographic studies of the spine*, 1964. 100, 417-18, *rev.*
- Hadlich**, on structure of Purkinje cells of cerebellum, 4, 158, *rep.*
on structure of grey matter of human cerebellum, 4, 304, *rep.*
- Haeckel, E.**, on development of *Siphonophora*, 4, 306, *rep.*
- Haeckel, H.**, *see* Bardeleben, Karl von
- Hafiz**, *see* Ludwig
- Hagemann**, on a comparative study of the structure of the pineal gland, 7, 330, *rep.*
- Hagenbach-Burckhardt**, A case of cervical teratoma in an infant, 34, 416-17, *rep.*
- Hagman**, on congenital absence of right pectoral muscles, 1 case, 27, 424, *rep.*
- Hagopoff**, on the origin and mode of development of the capsular and round ligaments of the hip-joint, 33, 351 (*ref. only*)
- Hahn, P.**, *see* Vacek, Z. and Koldovský, O.
- Haigh, A. L.**, *see* Barlow, T. E. & Walder, D. N.
- Haim**, on pseudohermaphroditism in two sisters, 43, 121, *rep.*
- Hain, A. M. & Robertson, E. M.**, Congenital urogenital anomalies in rats including unilateral renal agenesis, 70, 566-76
Congenital urogenital anomalies in rats including unilateral renal agenesis, further data in support of their inheritance, 72, 83-100
- Haines, R. Wheeler**, The laws of muscle and tendon growth, 66, 578-85
The investing layers of the body, 67, 202, P. (*t.o.*)
Cartilage canals, 68, 45-64
On muscles of full and of short action, 69, 20-4
A consideration of the constancy of muscular nerve supply, 70, 33-55
Growth of cartilage canals in patella, 71, 471-9
The evolution of epiphyses, 72, 148, P. (*t.o.*)
The structure of the epiphyses in *Echidna*, 72, 321, P.
The primitive form of epiphysis in the long bones of tetrapods, 72, 323-43
A revision of the extensor muscles of the forearm in tetrapods, 73, 211-33; 72, 610-11, P.
The epiphyses of *Sphenodon*, 73, 362, P.
The evolution of secondary centres in epiphyses, 73, 667-8, P. (*disc. only*)
The structure of the epiphyses in *Sphenodon* and the primitive form of secondary centre, 74, 80-90
- Note on the independence of sesamoid and epiphysal centres of ossification, 75, 101-5; 74, 558-9, P. (*disc. only*)
- Epiphysal structure in lizards and marsupials, 75, 282-94
- A note on the actions of the cruciate ligaments of the knee joint, 75, 373-5, *anat. not.*
- The tetrapod knee joint, 76, 270-301; 76, 228, P. (*disc. only*)
- Eudiarthrodial joints in fishes, 77, 12-19; 77, 120, P.
- The mechanism of rotation at the first carpo-meta-carpal joint, 78, 44-6; 80, 218, P.
- A revision of the movements of the forearm in tetrapods, 80, 1-11; 80, 226, P.
- Morphology of joints, 80, 220, P.
- Movements of the first rib, 80, 94-100; 80, 232, P.
- The development of joints, 81, 33-55
- The flexor muscles of the forearm and hand in lizards and mammals, 84, 13-29
- The extensor apparatus of the finger, 86, 251-9
- The shoulder joint of lizards and primitive reptilian shoulder mechanism, 86, 412-22; 86, 485, P.
- The development of the femoro-tibial joints with a discussion of the alleged femoro-fibular articulation, 86, 495, P.
- The early development of the femoro-tibial and tibio-fibular joints, 87, 192-206
- The attachments of the metatarsal heads, 87, 460, P.
- The hands of Insectivora, 88, 557, P.
- Types of prehensile hand, 92, 671-2, P.
see also Bocock, E.
Cave, A. J. E.
Roston, J. B.
- Hair, P.**, On the arrangement of the muscular fibres of the alligator, 2, 26-41
- Halász, B.**, *see* Szentágothai, J., Flerkó, B. & Mess, B.
- Halbertsma, H. J.**, On the third condyle of the occipital bone, 1, 178, *abs.*
- Haldane, J. B. editor**, *Growth* (Lorrain Smith) 1932. 67, 486, *rev.*
- Hale White, W.**, *see* White, W. Hale
- Hales, M.**, *see* Bloomer, W. & Liebow, Averill A.
- Half, J.**, Transposition of the viscera, 40, 294, *rep.*
- Halford, G. B.**, on the poison of the cobra-di-capella, 2, 187, *rep.*
- Halkerston, J. M.**, *see* Reiss, M. & Badrick, F. E.
- Hall**, on two cases of congenital deficiency of the muscles of the abdominal wall, 43, 121, *rep.*
- Hall, B. K.**, *see* Murray, P. D. F.
- Hall, D. A.**, *editor*, *International review of connective tissue research*, vol. 1, 1963. 99, 184, *rev.*; vol. 2, 1964. 99, 405, *rev.*
- Hall, H. S.**, Complete absence of the superficial flexors of the thumb and concurrent muscular anomalies, 37, 287-9
- Hall, Kathleen**, The structure and development of the urethral sinus in the male white mouse, with notes on its occurrence in other rodents, 70, 413-28
Histochemical investigation of the effects of oestrogen, progesterone and relaxin on glycogen, amylophosphorylase, transglycosylase and uridine diphosphate glucose-glycogen glucosyl transferase activities in myometrium of mice, 99, 926, P.
see also Brambell, F. W. R.
- Hall Craggs, E. C. B.**, *see* Craggs, E. C. B. Hall
- Halley, Gwen**, The placodal relations of the neural crest in the domestic cat, 89, 133-52; 85, 429, P.
see also Batten, E. H., Gall, W. J., Harris, R. S., Rogers, A. F. & Yoffey, J. M.
- Halliburton**, *see* Thomson & Hill

Author Index

- Halliburton, W. D., Remarkable abnormality of the musculus biceps flexor cruris, 1 case, 15, 296-99, *anat. not.*
- Halliday, Scott, J., *see* Scott, J. H.
- Hallopean, Congenital dislocation of the hip, 37, 309, *rep.*
- Hallpike, C. S. & Peet, E. W., A modification of the technique of wax plate construction, 74, 127-8, *anat. not.*; 73, 673, P. (*dem.*)
- Hallsten, *see* Clopatt
- Hally, A. D., The fine structure of the Paneth cell, 92, 268-77
- The ultrastructure of the parietal cells of the stomach in the mouse, 92, 674-5, P.
- The fine structure of the gastric parietal cell in the mouse, 93, 217-25
- Electron microscopy of resting and active gastric parietal cells of the mouse, 93, 578, P.
- Electron microscopy of the unusual Golgi apparatus within the gastric parietal cell, 94, 425-31
- A counting method for sectional analysis in biology, 97, 639, P.
- Separation of cells of the gastric mucosa. I. Preparation of a mixed suspension, 97, 640, P.
- , Buxton, R. & Scothorne, R. J., The developing secretory capacity of the salt gland in the domestic duck, 100, 930, P.
- & Dawson, I. M., Electron microscopy of Paneth cells in the mouse, 91, 594, P.
- see also* Scothorne, R. J.
- Ham, A. W., *Histology*, 1950. 85, 300-2, *rev.*; 2nd ed. 1953. 88, 111-12, *rev.*; & Leeson, T. S., 4th ed. 1961. 96, 305, *rev.*
- Hamaide, on ectopia vesicae, 26, 437, *rep.*
- Hamay, A case of gynecomastia in a negro, 37, 301, *rep.*
- Hamburger, V., *see* Willier, B. H. & Weiss, P. A.
- Hamdy, M. & Sorour, M. F., On a case of displacement of the descending colon, 43, 242-3
- Hamilton, C. T. C., *see* Barcroft, N.
- Hamilton, D. J., A new method of preparing large sections of the nervous centres for microscopic investigation, 12, 254-60
- On the process of healing, 13, 518-45
- On the development of fibrous tissue from the hepatic parenchyma, in cirrhosis of the liver, 14, 185-94
- On a wax-like disease of the heart, 18, 54-9
- On the corpus callosum in the adult human brain, 19, 385-414
- On a method of combining Weigert's haematoxylenecopper stain for nerve fibre with the use of the freezing microtome, 21, 444-9
- On the effect of chronic disease of the valves of the heart upon the sound orifices, the cavities, and the walls, 23, 40-68
- The means by which the oily debris in catarrhal nephritis is removed from the tubules, 25, 198-201
- see also* Carmichael, J.
- Hamilton, G. F., The longitudinal muscle coat of the human colon, 80, 230, P.
- Improved instrument for calculating the Lee-Pearson formulae for cranial capacity, 81, 404, P. (*dem.*)
- The cranial capacity of the living, calculated automatically by a nomographical instrument, 78, 200-3
- see also* Lockhart, R. D. & Fyfe, F. W.
- Hamilton, H. L., *revisor*, *Lillie's Development of the chick—an introduction to embryology*, 3rd ed., 1952. 87, 217, *rev.*
- Hamilton, J. A method of preparing bones to show epiphyseal centres of ossification, 58, 273-4
- Hamilton, W. J., Living mammalian ova, 68, 145, P.
- Early development of the mesoderm and notochord in the ferret, 70, 196, P.
- Abnormal pronuclei in the ferret, 70, 429-31
- Some observations on the early development of the cow, 76, 228, P.
- Specimens of early implantation in the golden hamster, demonstration, 76, 229, P.
- Phases of maturation and fertilization in the human ova, 78, 1-4; 80, 215, P.
- A previllous human embryo, 80, 215, P.
- The first findings of a pronuclear stage in man, 80, 224, P.
- Hydatiform degeneration in an early human embryo, 80, 244, P.
- editor*, *Textbook of human anatomy* by J. D. Boyd, Sir Wilfrid Le Gros Clark, W. J. Hamilton, J. M. Yoffey, Sir Solly Zuckerman and the late A. B. Appleton, 1956. 91, 296-7, *rev.*
- , Amoroso, E. C. & Griffiths, W. B., The first finding of the tubal ovum in the goat, 73, 359, P.
- & Boyd, J. D., The development of the mesoderm in the sheep, 80, 224, P.
- Development of the human placenta in the first three months of gestation, 94, 297-328
- & Mossman, H. W., *Human embryology (prenatal development of form and function)* 3rd ed. 1962. 295, *rev.*
- & Samuel, D. M., Observations on blastocysts and chorionic vesicles of the sheep, 80, 216, P.
- & Day, F. T., Cleavage stages of the ova of the horse, with notes on ovulation, 79, 127-30
- The segmentation stages of the horse ovum, 80, 224, P.
- & Dickinson, Aileen, M., An ovarian pregnancy, 87, 457, P.
- & Gladstone, R. J., A presomite human embryo (Shaw): the implantation, 76, 187-203; 76, 228, P. (*disc. only*); demonstration, 76, 229, P.
- & Gould, J. H., The normal oestrous cycle of the ferret, 73, 358-9, P.
- & Harrison, R. J., Cyclical changes in the uterine mucosa and vagina of the goat, 85, 316-24; 85, 433-4, P.
- Development and growth of the placentomes in the Cervidae, 86, 488, P.
- & Young, B. A., Aspects of placentation in certain cervidae, 94, 1-33
- & Laing, J. A., Development of the egg of the cow up to the stage of blastocyst formation, 80, 194-204
- & Samuel, D. M., Development of the egg of the golden hamster up to the stage of the blastocyst, 81, 383-4, P.
- The early development of the golden hamster (*Cricetus auratus*) 90, 395-416
- , Spiers, B. G. & Brown, D., A quadruplet placenta, 92, 664-5, P.
- see also* Amoroso, E. C. & Griffiths, W. F. B.
- Appleton, A. B. & Tchaperoff, I. C. C.
- Bacsich, P.
- Boyd, J. D.
- Boyd, J. D. & Hammond, J.
- Gladstone, R. J.
- Harrison, R. J.
- Samuel, D. J.
- Hamlyn, L. H., The effect of preganglionic section on the neurons of the superior cervical ganglion in rabbits, 88, 184-91
- The fine structure of the mossy fibre endings in the hippocampus of the rabbit, 96, 112-20

Author Index

- Hamlyn, L. H.**, An electron microscope study of pyramidal neurons in the Ammon's Horn of the rabbit, 97, 189-201
see also Cragg, B. G.
 Cragg, B. G. & Evans, D. H. L.
 Evans, D. H. L.
 Gray, E. G.
- Hammarsten, O.**, on influence of bile on gastric digestion, 4, 319-20, *rep.*
 on reaction of bile on pepton, 5, 230-1, *n.*
 on lacto-protein, 11, 568, *rep.*
- Hammersten, O.**, on the gases of lymph in dog, 7, 189, *rep.*
- Hammond, J.**, on effects of alcohol on the nervous system, 9, 412, *rep.*
- Hammond, J.**, A case of hermaphroditism in the pig, 46, 307-12
 Corpora lutea of the cow, 76, 229, *P.*
see also Boyd, J. D. & Hamilton, W. J.
- Hamy, A.** case of cleft palate, hare-lip and cleft nose, 37, 306, *rep.*
- Hancock, H.**, on the anatomy of the human foot, 1, 187-8; reply by G. M. Humphrey, 1, 187-8
- Hancox, N. H.**, Film on living human blood cells, 87, 457, *P.*
 Freeze-substitution in cytology and cytochemistry, 91, 614, *P.*
 Pincocytosis in osteoclasts, 95, 289, *P.*
 Effect of commercial parathyroid extract on embryonic avian bone *in vitro*, 95, 411-15
- & **Hyslop, Daphne, B.**, Alkaline phosphatase in the epithelial free border of the explanted embryonic duodenum, 87, 237-47
- & **Nicholas, Evelyn**, The phase contrast microscope and alkaline phosphatase, 88, 576, *P.*
see also Beresford, W. A.
- Handek, on** a case of congenital club-hand without any bone defect, 43, 123, *rep.*
- Handfield, Jones, C.**, *see* Jones, C. Handfield
- Handley, W. Sampson**, A method of obtaining uni-planar sections with the ordinary rocking micro-tome, 37, 290-2
- Handyside, A. P. D.**, on arrested twin development, 1, 152, *rep.*; 3, 457, *rep.*
 on transitions in form of heart during foetal life, 4, 155, *rep.*
 Notice of quadruple mammae—the lower two rudimentary—in two adult brothers, 7, 56-9
 on new species of *Polyodon*, 8, 178, *rep.*
- & **Graham, T.**, on hypospadias with cleft scrotum, one case, 7, 332, *rep.*
- Hanke, The** brain in congenital bilateral anophthalmus, 39, 503, *rep.*
- Hann, R. C. D'Arcy**, Familial abnormalities of the middle phalanges of each hand, 57, 267-8
- Hanotte, on** pathology of oxycephaly, 33, 689 (*ref. only*)
- Hansemann, D.**, Two sisters affected by microcephaly, 35, 502, *rep.*
- Hansen, R. Nyberg-**, *see* Nyberg-Hansen, R.
- Hanson, Jean**, The histogenesis of the epidermis in the rat and mouse, 81, 174-97
 Differentiation of mammalian epidermis in tissue culture, 84, 30, 30-1
- Happel, on** the function of some of the laryngeal muscles, 33, 684 (*ref. only*)
- Harbeson, A. E.**, The origin of the first dorsal interosseous muscle of the foot, 68, 116-18, *anat. not.*
 Further studies on the origin of the first dorsal interosseous muscle of the foot from the tendon of the peroneus longus, 72, 463-4, *anat. not.*
- Harcourt, W. V.**, on estimation of uric acid in urine, 4, 181, *rep.*
- Harding, H. W.**, on an abnormal kidney, 33, v-vi, *P.*
- Hardy, Margaret H.**, The development of mouse hair *in vitro* with some observations on pigmentation, 83, 364-84
 The development *in vitro* of the mammary glands of the mouse, 84, 388-93
see also Davidson, Pamela
- Hardy, R. H.**, Observations on the structure and properties of the plantar calcaneo-navicular ligament in man, 85, 135-9
see also Barnicot, N. A.
- Hare, A. W.**, On a method of determining the position of the fissure of Rolando and some other cerebral fissures in the living subject, 18, 174-81
see also Woodhead, G. Sims
- Hare, W. C. D.**, The broncho-pulmonary segments in the sheep, 89, 387-402
- Haret, Dariaux & Quenu**, *Atlas de radiographie du système osseux normal* 1927. 62, 520, *rev.*
see also Deleste
- Harington, C. R.**, *The thyroid gland. Its chemistry and physiology*, 1933. 68, 122-3, *rev.*
- Harker, J.**, Dissection of an abnormal four-toed foetus without head or upper limbs, 9, 182-4
- Harkness, M. L.**, *see* Bellairs, Ruth & Harkness, R. D.
- Harkness, R. D.**, *see* Bellairs, Ruth & Harkness, M. L.
- Harlan, A.** case of congenital absence of the uterus, 37, 308, *rep.*
 on a girl of 18 with congenital absence of uterus, broad ligaments, tubes and upper two thirds of vagina, 43, 121, *rep.*
- Harley, H. R. S.**, The development of the sinus venosus type of atrial septal defect, 92, 647, *P.*
- Harley, J.**, on the actions of belladonna and conium, 2, 423, *rep.*
 action of camphor in man, 7, 197, *rep.*
- Harley, V.**, Experimental pathological evidence proving the existence of pancreatic diabetes, 26, 204-19
- Harman, N. Bishop**, The palpebral and oculomotor apparatus in fishes: observations on morphology and development, 34, 1-40 (70 species); 34, xlix, July 1899
 Anomalous female uro-genital organs, 32, 211-15
 The caudal limit of the lumbar visceral efferent nerves in man, 32, 403-21
 The duodeno-jejunal flexure: its variations and their significance, 32, 665-74
 The pelvic splanchnic nerves: an examination into their range and character, 33, 386-99
 Liver showing hour-glass constriction of the left lobe, 33, xvii-xviii, *P.*
 Anomalous nerve supply to the leg, 33, xxii-iv, *P.*
 The anterior limit of the cervico-thoracic visceral efferent nerves in man, 34, 359-80
 The palpebral and oculomotor apparatus of fishes, 34, xlix, *P.* July 1899
 Two livers illustrating extreme conditions of left lobe, 34, xlix-li, *P.* July 1899
 A specimen of arteria sacra media, 34, li, *P.* July 1899
 'Socia thymi cervicalis', and the thymus accessory, 36, 47-53
 Effects of bullet wound of brain, 37, xliii-xliv, *P.*
 A binocular magnifier for fine dissection, 43, 349, *anat. not.*
 on a binocular magnifier for fine dissections, 44, i, *P.* (*t.o.*)
- Harnack, E.**, on the action of apomorphin on frog and mammals, 9, 448-50, *rep.*
 on action of emetics on striped muscles, 10, 652, *rep.*

- Harper, W. F., (1) Congenital atresia of the ileum, (2) Extensive melanism in the skeleton of *Raia maculata*, (3) Supernumerary pectoral fins in *Raia circularis* Loudon (title only) 67, 211-13, P.
- The distribution of the palmar aponeurosis in relation to Dupuytren's contraction of the thumb, 69, 193-5
- Vascularity of the cardiac valves, 70, 198, P.
- Blood cysts on the cardiac valves, 70, 198, P. (t.o.)
- The sternalis muscle in the anencephalous foetus, 70, 317-20, anat. not.
- The blood supply of heart valves in relation to endocarditis, 73, 94-111
- The histology of new blood vessel formation in heart valves, 73, 668, P. (t.o.), 73, 669, P. (dem.)
- Blood supply of the ureter in the cat and the full term human foetus, 73, 669, P. (dem.)
- Further observations on the structure of human heart valves, 75, 88-94
- The blood supply of the human ureter, 76, 223, P. (disc. only); demonstration, 76, 229, P.
- The vascular content of human heart valves, 76, 225, P.
- Vital staining capacity of normal and damaged heart valves in the rabbit, 76, 225, P. (t.o.) demonstration, 76, 229, P.
- Storage of trypan blue in the heart valves of the rabbit, 77, 140-8
- The storage on vital stains (trypan blue, vital new red) in the rabbit endocardium, 80, 222, P.
- Vital staining of the reticulum and lymphoid tissue of the rabbit appendix, 80, 231, P.
- Observations on the blood vasculature of the turbinate mucosa in man and other mammals, 81, 392, P.
- Further observations on the blood vessels of the nasal mucous membrane in mammals, 83, 61, P.
- & Dow, D. R., The vascularity of the cardiac valves, 66, 141, P.
- & Wilson, D., The blood supply of the ureter, 71, 160, (dem.)
- see also Boyd, J. D.
- Dow, D. Rutherford
- Harpman, J. A., Lambley, D. G. & Weddell, G., The innervation of intrinsic musculature of the tongue, 73, 671, P. (disc. only)
- & Woollard, H. H., The tendon of the lateral pterygoid muscle, 73, 112-15
- The connexions of the inferior colliculus and of the dorsal nucleus of the lateral lemniscus, 73, 670-1, P. (disc. only)
- see also Weddell, G.
- Weddell, G., Lambley, D. G. & Young, L.
- Weddell, G. & Young, L.
- Woollard, H. H.
- Woollard, H. H. & Weddell, G.
- Harreveld, A. van, see Malhotra, S. K.
- Harris, D. F., Notes on the chemistry and coagulation of milk, 29, 188-200
- Note on the stereophotomicroscope—a new optical instrument, 30, 118-23
- A note upon the vibrational rate of the membranes of recording tambours, 31, 29-30
- Haematoporphyria and its relations to the source or urobilin, 31, 383-91
- On an atypical case of 'strong' current in Pflüger's law, 33, 263-7
- On a modification of the Rutherford microtome, 33, 609-11
- Harris, G. W., The application of remote control stimulation to the hypothalamus, 76, 226, P.
- Some effects of remote-control stimulation of the pituitary gland, 80, 215, P.
- Some data concerning the innervation of the hypophysis, 80, 228-9, P.
- The blood vessels of the rabbit's pituitary gland, and the significance of the pars and zona tuberalis, 81, 343-51; 81, 379, P.
- The neurohypophysis (posterior pituitary gland) as an organ of internal secretion, 81, 381, P.
- The hypophysial portal vessels of the porpoise, *Phocaena phocaena*, 81, 402-3, P.; 81, 404, P. (dem.)
- Ovulation in the rabbit, 83, 82, P.
- Experiments on the hypophysial portal vessels, 84, 62-3, P.
- & Popa, G. T., A technique for operations on the hypothalamo-hypophysial region of the rabbit, 72, 226-33
- see also Green, J. D.,
- Harris, H. & Joseph, J., Extension at the metacarpophalangeal and interphalangeal joints of the thumb, 84, 73, P.
- Harris, H. A., A foetus presenting a combination of rare anomalies, 57, 76-95
- Truncus bicaroticus, 59, 58, S.P.
- Spinal internal carotid artery, 59, 58, S.P.
- Persistent left vena cava in a dog, 59, 59, S.P.
- Ossification in the embryo, 59, 93-5, S.P.
- Growth of long bones, 59, 94, S.P.
- Congenital absence of the middle turbinate bone associated with precocious ossification of the limb bones in a stillborn child, 60, 148-51
- A mesodermal tumour of the trigone of the bladder in a female foetus of the sixth month, 60, 329-34
- The physiological response to reversal of blood flow in cases of congenital heart disease, 61, 509, P.
- Bony striations of the metaphysis as an indication of cessation of growth in long bones and radiography in the teaching of anatomy, 61, 518, P.
- The closure of the cranial sutures in relation to the evolution of the cortex cerebri, 63, 171, P.
- A preliminary note on the relation of skeletal ossification in the hind-limb to the index of cerebral value of Anthony and Coupin, 63, 267-76; 63, 171-2
- The growth of the long bones in foetal life, as exemplified by a case of foetal syphilis, 64, 1-2; 64, 116, P. (t.o.)
- The vascular supply of bone with special reference to the epiphysal cartilage, 64, 3-4
- The diploic veins as evidence of age, with especial reference to the skull attributed to Lord Darnley, 64, 115-16, P.
- The vascular supply of bone, 64, 123, P. (t.o.)
- Cystic ovary in a babe, 64, 123, P. (t.o.)
- Cystic ovary in a babe aged two months, 64, 303-7
- The joints in relation to the costal cartilages, 65, 164, P.
- Methods of tracing age changes in the skull, 66, 142, P.
- The role of the epiphyses in relation to growth, 66, 142, P.
- Appointed to Chair of Clinical Anatomy, University College, London, 66, 271
- Bone growth in health and disease*, 1933. 68, 284-5, rev.
- The foetal growth of the sheep, 71, 516-27
- The sternum, 72, 321-2, P.
- The clinical anatomy of the salivary glands, 74, 554, P. (t.o.); 74, 559, P.
- Pineal gland region in a series of human embryos, 74, 559, P. (dem. only)
- The veins of the suprarenal, kidney and ureter, 76, 223, P.
- Principles of anatomy, 77, 119, P.

Author Index

- Harris, H. A.**, Radiographic studies of embryos. Specimens and models illustrating vertebral growth, demonstrations, 76, 229, P.
- & **Russell, Audrey E.**, Fundamental factors in the nutrition of cartilage and bone, 68, 140, P.
- & **West, G. D.**, Apparatus to show effect of arterial pulsation on lymph drainage, demonstration, 76, 229, P.
- Harris, H. H.**, Foetus presenting a combination of rare anomalies, 59, 37-8, S.P.
- Harris, J. W. S.**, Observations on closure of the secondary palate in two strains of rat, 93, 566, P.
- Further observations on the closure of the secondary palate in two strains of rat. The effect of administering vitamin A alone or in combination with cortisone on the 10th and 15th day of gestation, 94, 291, P.
- Growth changes in the cranial base and lower jaw during the closure of the secondary palate in two strains of rat, 95, 286, P.
- Growth of the cranial base and lower jaw during closure of the secondary palate in normal and cortisone treated strain A mice, 97, 636, P.
- Effect of cortisone on the volume of amniotic fluid surrounding mouse embryos during closure of the secondary palate, 98, 471, P.
- The relationship between the cranial base and lower jaw during morphogenesis of the secondary palate in normal and cortisone-treated embryos from 3 strains of mice, 98, 689, P.
- Observations on the mechanism of cortisone-induced cleft palate in hybrid mouse embryos, 99, 924, P.
- Harris, P. F. & Templeton, W. R.**, Preliminary studies on the lymphatic drainage of the guinea-pig thymus with special reference to the extrinsic vessels, 100, 694, P.
- Harris, R. S.**, see **Batten, E. H.**, **Halley, G.**, **Gall, W. J.**, **Rogers, A. F.** & **Yoffey, J. M.**
- Harris, T.**, A contribution to the pathological anatomy of pneumonokoniosis (*Chalicosis pulmonum*) 15, 395-404
- On a case of chronic lobar pneumonia, 15, 502-9
- Harris, V. D. & Doran, A.**, The ovary in incipient cystic disease, 15, 453-65
- Harris, W.**, The true form of the brachial plexus, and its motor distribution, 38, 399-422; 38, xx, (t.o.)
- Drawings of dissections of the brachial plexus in anthropoid apes, 39, iv, P.
- The morphology of the brachial plexus, 1939. 73, 674, rev.
- Harris, W. G.**, Fibre degeneration in the cerebral cortex of the cat and rabbit following experimental craniotomy, 94, 216-23
- Harrison, J.**, Description of a 'tailed' baby, 37, 301, rep.
- Harrison, F. A. & McDonald, I. R.**, The arterial supply to the adrenal gland of the sheep, 100, 189-202
- Harrison, G. A.** editor, *Genetical variation in human populations*, vol. IV of the Symposia of the Society for the Study of Human Biology, 1961. 96, 306-7, rev.
- Harrison, H. Spencer**, see **Vincent, Swale**
- Harrison, J.**, On the urinogenital and blood-vascular systems of a rabbit possessed of a single kidney, 28, 401-7
- Harrison, Jean**, Daily variations in numbers of active palmar sweat glands, 95, 603, P.
- & **MacKinnon, Pamela C. B.**, Pre- and post-operative palmar sweat indices in male and female patients, 96, 422-3, P.
- see also **MacKinnon, Pamela C. B.**
- Harrison, R. G.**, The relation of the adrenal cortex to structural changes in the heart and kidney, 80, 239, P.
- A case of conjoined female twins, 80, 245, P.
- The regenerative capacity of cardiac muscle, 81, 365-6
- The effect of adrenalectomy of the uterine weight of spayed immature rat, 81, 374, P.
- The distribution of the vasal and cremasteric arteries to the testis and their functional importance, 83, 267-82
- A comparative study of the vascularization of the adrenal gland in the rabbit, rat and cat, 85, 12-23
- A textbook of human embryology, 1959. 94, 569-70, rev.; 2nd ed. 1963. 99, 183, rev.
- The effect of ligation of the vasa efferentia on the rat testis, 87, 453-4, P.
- Suppression of isoprenaline-induced suprarenal cortical degeneration in the rat by a β -blocking agent, 99, 407, P.
- & **Asling, C. W.**, The vascularization of the adrenal gland in the rhesus monkey, 88, 578, P.
- The anatomy and functional significance of the vascularization of the adrenal gland in the rhesus monkey (*Macaca mulatta*) 89, 106-13; 88, 578, P.
- & **Cain, A. J.**, Variations in the distribution of lipoids in the adrenal cortex of the albino rat, 81, 286-99; 81, 385, P.
- & **Jeffcoate, T. N. A.**, A presumptive human embryo showing an early stage of the primitive streak, 87, 124-9
- see also **Abdalla, A. B. E.**
Adams, D. J.
Asling, C. W.
Brookes, M.
Brown, K. N.
Cain, A. J.
Lewis, B. V.
- Harrison, R. J.**, The early development of the corpus luteum in the mare, 80, 160-6; 80, 239, P.
- Ovogenesis, follicular development and atresia in the ovary of the goat, 81, 382-3, P.
- The changes occurring in the ovary of the goat during the oestrous cycle and in early pregnancy, 82, 21-48
- Observations on the female reproductive organs of the Ca'ating whale *Globiocephala melaena* Traill, 83, 238-53; 83, 72, P.
- The vascular supply to the human testis, 83, 61, P.
- Observations on the seal ovary, 84, 400, P.
- Changes in the reproductive tract of foetal and adult seals, 85, 428, P.
- , **Amoroso, E. C. & Matthews L. Harrison**, The foetal placenta and membranes of *Halichoerus grypus*, 86, 487-8, P.
- & **Bentall, H. H.**, The inferior vena cava in the seal, 84, 400, P.
- & **Hamilton, W. J.**, Placentation in Père David's Deer, *Elaphurus davidianus*, 85, 421-2, P.
- The reproductive tract and the placenta and membranes of Père David's deer (*Elaphurus davidianus* Milne Edwards) 86, 203-25
- & **Hyett, A. R.**, Early stages in the development of the placenta of *Dama dama* L., 87, 457-8, P.
- The development and growth of the placentomes in the fallow deer (*Dama dama* L.) 88, 338-55
- , **Neal, E. G. & Turner, C. J.**, Delayed implantation in the badger (*Meles meles*, L.) 90, 574, P.
- , **Rowlands, I. W., Whitting, H. W. & Young, B. A.**, Growth and structure of the thyroid gland in the common seal (*Phoca vitulina*) 96, 3-15

Author Index

- Harrison, R. J. & Tomlinson, J. D. W., Vascular modifications and experimental diving in *Phoca vitulina*, 92, 658, P.
- & Young, B. A., Specializations in the pinniped placenta, 95, 450, P.
- see also Creed, R. F. S. and Harrison, R. J.
- Goldby, F.
- Hamilton, W. J.
- Hamilton, W. J. & Young, B. A.
- Montagna, W.
- Tomlinson, J. D. W.
- Tomlinson, J. D. W. & Warwick, R. S.
- Young, A.
- Harrison, T. J., The mechanism of the ankle joint, 85, 432, P.
- The role of the sacro-iliac joint in the growth of the pelvis, 89, 558, P.
- Effect of hindlimb amputation on the rat pelvis, 90, 563, P.
- Sacral growth in the rat, 90, 594, P.
- The growth of the pelvis in the rat—a mensural and morphological study, 92, 236–60
- An experimental study of pelvic growth in the rat, 92, 483–8
- The pelvis of the rat: sexual dimorphism and the effects of castration, 92, 672–3, P.
- The influence of the femoral head on pelvic growth and acetabular form in the rat, 95, 12–24
- The growth of the ischio-pubic part of the pelvis in the rat, 99, 206, P.
- see also Keegan, D. A. J.
- Pritchard, J. J.
- Harrison, Matthews, L., see Matthews, L. Harrison
- Harritt, Nancy J., see Adey, W. R. Rudolph, Alice F. & Hine, I. F.
- Harrower, G., Variations in the region of the foramen magnum, 57, 178–92
- Embalming in the tropics, 58, 142–4
- Mechanical consideration in the scapulo-humeral articulation, 58, 222–7
- A comparative study of the foot and tread index, 58, 285–98
- A septadigitate foot in man, 60, 106–9
- Hart, D. Berry, A preliminary note on the development of the clitoris, vagina and hymen, 31, 18–28
- A contribution to the morphology of the human urinogenital tract, 35, 330–75
- Contributions to the pathology of the bladder and ureter-extroversion vesicae and apparent low implantation of the ureter end, 35, 376–89
- The microscopical anatomy of the genital tract in the rat kangaroo (female), 42, 40–9
- On the rôle of the developing epidermis in forming sheaths and lumina to organs, illustrated specially in the development of the prepuce and urethra, 42, 50–6
- The nature and cause of the physiological descent of the testes, part I, 43, 244–65; part II, The descent in man, 44, 4–26; part III, The physiological descent of the ovaries in the human foetus, 44, 27–34
- Hart, D. McK., Baillie, A. H., Cameron, E. H. D. & Griffiths, K., β -hydroxysteroid dehydrogenase in the adrenal gland and placenta, 99, 414–15, P.
- & Gulland, G. Lovell, The anatomy of advanced pregnancy in *Macacus rhesus* studied by frozen sections, by casts and microscopically, 27, 361–76
- Hart, D. M., Baillie, A. H., Calman, K. C. & Ferguson M. M., Hydroxysteroid dehydrogenase development in mouse adrenal and gonads, 100, 501
- Hart, J. A. L. & Silva, D. G., Distribution of lipids in articular cartilage, 100, 937, P.A.S.A.N.Z.
- see also McNeur, J. C.
- Hart-Smith, on a specimen of left innominate vein, 29, xxiv–xxvi, P.
- Harting, P., on zoological and anatomical description of *Orthragoriscus ozodura* 3, 206, rep.
- on functions of swim-bladder of fishes, 8, 177–8, rep.
- On the ovum and placenta of the dugong, 13, 116–17, abs.
- Hartland, Transposition of viscera, 39, 499, rep.
- Hartman, C. G., editor, *Mechanisms concerned with conception*, 1963, 98, 460, rev.
- & Straus, W. L. editors, *Anatomy of the primates. The anatomy of the rhesus monkey (Macaca mulatta)* by nineteen authors, 1933, 68, 574–5, rev.
- Hartmann, J. F., see Hudson, G.
- Hartmann, R., on the anatomy of parasitic crustacea, 5, 200, rep.
- on parasitic crustacea, 5, 388, rep.
- on anthropoid apes, 7, 171, rep.
- on anatomy of anthropoid apes, 7, 334, rep.
- on cranium of chimpanzee, 7, 334, rep.
- Hartog, M. M., On the organ of Bojanus in anodon, 13, 400
- Additional note on the organ of Bojanus, 13, 578
- Hartridge, H. & Haynes, F., *Histology for medical students*, 1930, 65, 403–4, rev.
- Hartroft, P. M. & Hartroft, W., The anatomy of the juxtaglomerular complex in the rat and other species, 85, 426, P.
- Hartroft, W., see Hartroft, P. M.
- Harvey, William, *Anatomical lectures of William Harvey* (ed. Whitteridge) 1964, 99, 399–400, rev.
- Hasse, on the teaching collection of the Breslau Anatomical Institute, 33, 679 (ref. only)
- Hasse, C., on anatomy of the human retina, 2, 170, rep.
- on the structure of the cochlea in birds, 2, 170, rep.
- on the transverse processes of the vertebrae, 3, 448, rep.
- editor *Anatomische Studien*, 1870, 4, 286–7; 2nd part, 1871, 3rd part, 1872, 7, 166, rev.
- Haswell, W. A., Some points in the myology of the common pigeon, 17, 218–21; note on page 404
- Hatton, Jean M., see Cocker, R.
- Haughton, on work of the heart, 5, 402, rep.
- on animal mechanics and muscle study, 7, 168–9, rep.
- Haughton, S., on the muscular anatomy of the alligator, 2, 405, rep.
- on muscular forces employed in parturition, 4, 300–1, rep.
- Principles of animal mechanics*, 1873, 7, 312–18, rev.
- Haughton, W. S., Some application of X-ray photography to anatomical investigation, 31, xl, P. (i.o.)
- Skiaographs showing ossification and arterial anastomosis, 32, xxiv, P.
- & Dixon, A. Francis, The architecture of bone illustrated by Röntgen stereoscopy, 37, lxi–lxii, P.
- Haushalter & Briquel, A case of meningo-encephalocoele, 37, 305, rep.
- & Collin, Case of absence of the corpus callosum, with mycrogyria, polygyria and absence of the pyramidal tract, 40, 298, rep.
- Hausmann, M., *Entstehung und Funktion von Gefäßsystem und Blut auf cellular-physiologischer Grundlage*, 1935, 69, 534–5, rev.
- Haussmann, on glands of the utericle, 9, 207, rep.
- Havelock Charles, R., see Charles, R. H.

Author Index

- Havet, J.**, L'origine des cellules du sang dans le foie embryonnaire des mammifères, 60, 233-58
- Hawes, R. S.**, The structure of the eye in *Proteus angineus* Laur, 73, 672, P.
- Hawkes, Onera A. Merritt**, The presence of a vestigial sixth branchial arch in the *Heterodontidae*, 40, 81-4
- Hawkins, C.**, on the Bell-Magendie controversy, 3, 446
- Haxton, H.**, The patellar index in mammals, 78, 106-7
- Hay, M.**, The action of saline cathartics, expts. by subcutaneous injection, 17, 62-78; effects on blood circulation, temperature of body, 17, 222-243; conclusions, 17, 405-41
- The action of saline cathartics, 16, 243-82; 16, 391-440; 16, 568-604, (review and expts. on rabbits, cats, dogs)
- Hayashi, T.** editor, *Subcellular particles*, 1959. 94, 143, rev.
- Haycraft, J. B.**, A method for the estimation of urea in the blood, part I, 17, 129-41
- A new method for the quantitative estimation of uric acid, 20, 695-8, *anat. phys. not.*
- An account of some experiments which show that fibrin-ferment is absent from circulating blood, 22, 172-90
- The histology of the carapace of the *Chelonia*, 25, ii, iii, P. (SMS) (t.o.)
- & **Carlier, E. W.**, Morphological changes that occur in the human blood during coagulation, 22, 582-92
- — & **Schofield, H. C. L.**, A triple stain for spermatozoa: termination of nerves in capillaries: egg and serum albumin contrasted (notes from the Physiological Laboratory of University of Edinburgh), 22, 133-4
- & **Duggan, C. W.**, The coagulation of egg and serum albumen, vitellin and serum globulin, 24, 288-306
- see also Southall, G.
- Hayem, on changes in spinal cord following nerve injuries**, 9, 213, rep.
- see also Magnau
- Hayem, G.**, on alterations of the spinal cord after extraction of the sciatic nerve in the rabbit, 8, 186, rep.
- Hayem, W. P. C.**, Congenital dislocation of the knee, 32, 794, rep.
- Hayes Lovell, A. G.**, see Lovell, A. G. Hayes
- Hayes, W. I.**, A human foetus exhibiting iniencephaly and other abnormalities, 56, 155-9
- Hayles**, on supernumerary mammae in each axilla, 43, 120, rep.
- Haynes, F.**, Notes on the histology of certain veins of the sheep, 60, 194-8
- see also Franklin, K. J.
- Hartridge, H.
- Haynes, I. S.**, An explanation of a new method of cutting gross sections of a cadaver, with demonstration of the technique, 33, ix, P. (t.o.)
- Hayward, A. F.**, Pinocytosis and dense cytoplasmic granules in the cultured fibroblast, 95, 454, P.
- Aspects of the fine structure of the gall bladder epithelium of the mouse, 96, 227-36; 95, 609, P.
- Electron microscopy of epithelial cell damage and white cell infiltration in the developing rabbit gall bladder, 99, 932-3, P.
- An electron microscopic study of developing gall bladder epithelium in the rabbit, 100, 245-59
- Electron microscopy of developing gastric parietal cells in the rabbit, 100, 429, P.
- & **Dunn, J. Shaw**, Electron microscopy of developing jejunal epithelium in the rat, 98, 681, P.
- Healey, F. H.**, Note on the occurrence of ciliated epithelium in the oesophagus of a seventh month foetus, 54, 180-3
- Healy, M. J. R.**, see Ashton, E. H., Oxnard, C. E. & Spence, T. F.
- Tanner, J. M. & Whitehouse, R. H.
- Heasman, W. J.**, The anatomy of a double-headed snake, 67, 331-45
- Heath, C.**, *Practical anatomy: a manual of dissections*, 2nd ed. 1869. 4, 148, rev.
- Heath, I. D.**, The staining of sulphated mucopolysaccharides in tissue sections, 95, 289-90, P.
- see also Coupland, R. E.
- Heath, T. J., Lascelles, A. K., & Morris, B.**, The cells of sheep lymph, 96, 397-408
- Heaton**, on blood chemistry, with reference to haemoglobin, 2, 177, rep.
- Heaysman, J. E. M.**, Factors affecting speed of movement of fibroblasts in tissue cultures, 86, 472-3, P.
- see also Abercrombie, M., Ambrose, E. J. & Easty, D. M.
- Hecker, E.**, on psychology and physiology of laughter, 9, 212, rep.
- Hector, J.**, on the bones of seals and whales, 4, 308, rep.
- on New Zealand eared seals, 6, 446, rep.
- on skull of *Arctocephalus forsteri*, 6, 446, rep.
- on the New Zealand bottlenose whale, *Lagenorhynchus clanculus*, 7, 173, rep.
- on whales and dolphins of New Zealand seas, 7, 335, rep.
- catalogue of whales and dolphins of New Zealand seas, 8, 176, rep.
- Hedinger**, Case of congenital diverticula from the vermiform appendix, 39, 507, rep.
- Hedley Jones, W.**, see Jones, W. Hedley
- Heger, P.**, on circulation of the blood in isolated organs, 9, 417-18, rep.
- & **Stiénon**, on the action of intravenous injections of chloral on the vasomotor nerves, 10, 654, rep.
- Hehn, A.**, on origin of mechanical oedema, 8, 405, rep.
- Heiberg**, on repair of epithelium of cornea, 6, 247, rep.
- Heiberg, Hjalmar**, on the periphery of tunica descemeti and its influence on accommodation, 4, 332-3, n.
- Heiberg, J.**, The movements of the ulna in rotation of the fore-arm, 19, 237-40
- Heidegger, G. Wolf**, see Wolf-Heidegger, G.
- Heidenhain**, on acidity of nerves in tetanus, 3, 470, rep.
- on glycogen formation in the liver, 9, 438-9, rep.
- On the secretion of the glands of the fundus of the stomach, 13, 411-12, rep.
- Heidenhain, G.**, on influence of the posterior roots of the spinal nerves on the anterior, 6, 472, rep.
- Heidenhain, M.**, *Synthetische Morphologie der Niere des Menschen*, 1937. 72, 313, rev.
- Heidenhain, R.**, on structure of sub-maxillary [sub-mandibular] and sub-lingual glands, 3, 213-14, rep.
- on secretion and absorption of bile, 3, 214-15, rep.
- on structure of peptic glands in the gastric mucous membrane, 5, 195-6, rep.
- on influence of the nervous system on temperation and circulation, 5, 410, rep.
- on central innervation of the vascular system, 6, 475-6, rep.
- on unrhythmical [arrhythmia] action of the heart, 6, 480, rep.
- on effect of drugs on secretion of the submaxillary [submandibular] gland, 7, 186, rep.
- on effect of atropia on secreto-motor fibres of chorda tympani, 7, 199, rep.

Author Index

- Heidenhain, R., on anatomy and physiology of the kidney, 8, 392, *rep.*; 8, 422, *rep.*
on action of sensory stimulation on blood-pressure, 9, 222, *rep.*
on the salivary gland, 9, 426, *rep.*
on histology of the pancreas in relation to stages of digestive function, 10, 648-9, *rep.*
on secretory and trophic gland-nerves, 13, 121-2, *rep.*
see also Neisser, A.
- Heiderich, F., *see* Peter, K. & Wetzel, G.
- Heinricius, Two cases of uterus duplex bicornis, 39, 507, *rep.*
- Heintz, on pepsin, 6, 460, *rep.*
- Heinzmann, on action of very gradual thermal irritation on sensibility of nerves, 8, 186, *rep.*
- Heiss, E., on the effect of lactic acid on the bones, 11, 569-70, *rep.*
- Heitz, A case of congenital dilatation of the aorta, 37, 306, *rep.*
- Heitzmann, on artificial production of rachitis and osteomalacia, 9, 443, *rep.*
- Heitzmann, C., on bone and cartilage, 7, 327, *rep.*
- Helbing, A case of double congenital rotatory dislocation of the knee-joint, 44, 106, *rep.*
- Held, H., Beiträge zur feineren Anatomie des Kleinhirns und des Hirnstammes, in *Archiv für Anatomie*, Band vi, 1893. 28, 380, 381, *rev.*
- Helferich, H., Incidence of necrosis in diaphysis of long bones, in relation to growing end, 13, 234-5
- Hellema, D., on anomalies seen in the dissecting-room, 2, 199, *abs.*
- Heller, on inflammation, 5, 215, *rep.*
A case of double glans penis, 44, 103, *rep.*
- Heller, A., on stricture of the pulmonary artery, 5, 380, *rep.*
on congenital defect of right lobe of liver, 5, 380, *rep.*
on blood vessels of the small intestine, 8, 174, *rep.*
- Heller, J. H. *editor*, *Reticuloendothelial structure and function*, 1960. 95, 143-4, *rev.*
- Hellmann, K., *see* Blaschko, H.
- Helly, on the anatomy of the pancreas and its duct, 33, 354 (*ref. only*)
- Helmholtz, on mechanism of ossicles of the ear, 3, 219-20, *rep.*
on the effect of continued contraction on normal muscular tone, 1, 361-2, *rep.*
on vibrations of lamina spiralis [basilar membrane] of cochlea, 5, 211, *rep.*
on the mechanism of the ossicles of the ear and membrana tympani (trans. by Buck & Smith) 8, 400, *rep.*
- & Baxt, on nervous conduction, 2, 190, *rep.*
on rate of conduction in motor nerves, 5, 397, *rep.*
- Helps, E. P. W., *see* McDonald, D. A. & Fergusson, Alison M.
- Hemmings, W. A., *see* Brambell, W. F. R. & Henderson, M.
- Henderson, I. D., Squamous cells of the upper alimentary tract and the menstrual cycle, 84, 404-5, P.
- Henderson, I. F. & W. D., *A dictionary of scientific terms*, revised by J. H. Kenneth, 3rd ed. 1939. 73, 674, *rev.*
- Henderson, M., *see* Brambell, W. F. R. & Hemmings, W. A.
- Henderson, T. B., Experiments on the physiological effects of the inhalation of gases—phosphuretted hydrogen, 13, 109-14.
- Henderson, W. M., The prescapular lymph node of the ox and its relation to lymphatic drainage of the skin, 80, 107-10
- Henderson, W. R., A note of the relationships of the human maxillary nerve to the cavernous sinus and to an emissary sinus passing through the foramen ovale, 100, 905
- Hendrickson, on the musculature of the extra-hepatic biliary system, 33, 504 (*ref. only*)
- Hendry, A. M., Extension of the knee joint: its production and maintenance, 68, 153-4, P.
- Hendry, M. G. C., Teleology and the intervertebral disc, 92, 672, P.
- Henke, on anomalies of the uvula, 33, 354 (*ref. only*)
- Henke, P. J. W., *Beiträge zur Anatomie des Menschen mit Beziehung auf Bewegung*, Heft I., 1872. 6, 432, *rev.*
- Henke, W., on articulations and the action of muscles, 3, 449, *rep.*
on muscles of upper and lower lips, 10, 443, *rep.*
- Henkind, P. & Jay, B., Induced limbal migration: a technique for studying melanocytes, 100, 139-45
- Henlè, on two sets of *Tubuli uriniferi*, 1, 147, *rep.*
- Henle, F. G. J., *Handbuch der systematischen Anatomie des Menschen*, 3rd vol. 1st part, 1868. 2, 387-389, *rev.*; 3rd vol. 2nd division, 1st part, 1871. 6, 432, *rev.*; 3rd vol. 2nd division, 2nd part, 1873. 8, 157, *rev.*
- & Merkel, F., on connective tissue of the central organs of the nervous system [neuroglia] 3, 450-1, *rep.*
- Henneberg, Hereditary hand deformity, 44, 105, *rep.*
- , Schulze, Mäcker & Brun, on respiration in sheep, 5, 215, *rep.*
on oxygen absorption during day and night, 5, 222-3, *rep.*
- Hennig, C., on human placenta, 8, 164, *rep.*
- Hénocque, A., on nerve-endings in smooth muscle (bladder) 5, 194, *rep.*
- Henry, K. M., *see* Tomlin, D. H. & Kon, S. K.
- Hensel, R., on ossa interparietalia, 9, 388, *rep.*
- Hensen, on structure of striped muscular fibre, 3, 449-50, *rep.*
- & Völchers, on accommodation, 3, 219, *rep.*
on accommodation movement of the choroid in the eye of man, ape, and cat, 8, 400, *rep.*
see also Völchers
- Hensen, V., Brain and body-form in human embryo, 13, 268 (*to.*); comment by Turner, 13, 281
- Hensley, P. J., Note on the arrangement of the muscular fibres of the ventricles, 4, 82-6
- Hensman, A., On the relations of the dorsal artery of the foot to the cuneiform bones, 18, 60-1
Dorsal artery of the foot, 23, xi, P.
- Hentze, An inquiry in hare-lip and cleft palate, 40, 299, *rep.*
- Hepburn, D., Note on the nerve supply of the sterno-clavicular articulation, 18, 340, *anat. not.*
Floating kidney, 19, 178-85
Plexiform arrangement of the cutaneous nerves in the groin, 20, 692-3, *anat.-phys. not.*
Double superior vena cava, right pulmonary veins opening into the right auricle, and a special interauricular foramen, 21, 438-43
Some variations in the arrangement of the nerves of the human body, 21, 511-13
A needle in the spinal canal transfixing the roots of spinal nerves, 22, viii-ix, P.
The development of diarthrodial joints in birds and mammals, 23, 597-31
Malformation of the female organs of generation—vagina duplex et uterus duplex, associated with displacement of the right kidney, 25, 24-30
on capsular defect of shoulder joint, 26, viii-x, P.

Author Index

- Hepburn, D.**, The comparative anatomy of the muscles and nerves of the superior and inferior extremities of the anthropoid apes, part I, upper limb, 26, 149-86; part II, lower limb, 26, 324-56
- The integumentary grooves on the palm of the hand and sole of the foot of man and the anthropoid apes, 27, 112-130
- Complete separation of the two heads of the biceps flexor cruris muscle, 27, 282-4
- The adductor muscles of the thumb and great toe, 27, 408-10
- on development of synovial joints, a demonstration, 27, ix, P.
- The mammary gland in a gravid porpoise (*Phocaena communis*) 28, 19-24
- Abnormal kidneys from the domestic pig (*Sus scrofa*) 29, 16-17
- A rare abnormal arrangement of the cardiac coronary arteries, 29, 459-62
- The papillary ridges on the hands and feet of monkeys and men*, 30, 312, 314-15, rev.
- Halichoerus grypus*: the grey seal. Observations on its external appearances and visceral anatomy, part I, 30, 413-19; part II, 30, 488-501
- Abnormalities of muscles, nerves, heart, vessels and ligaments, recently observed in the practical anatomy rooms of the University of Edinburgh, 30, 570-83
- The Trinil femur (*Pithecanthropus erectus*) contrasted with the femora of various savage and civilised races, 31, 1-17
- The platymeric, pilastric and popliteal indices of the race collection of femora in the Anatomical Museum of the University of Edinburgh, 31, 116-56
- A revised description of the dorsal interosseous muscles of the human hand*, 1896. 31, 165-6, rev.
- Observations on the shape of the solid abdominal organs, 33, 248-58
- The lateral thoracic branch of the internal mammary artery, 33, 259-60
- A new osteometric board, 34, 111-12
- Anomalies in the supra-inial portion of the occipital bone, resulting from irregularities of its ossification, with consequent variations of the interparietal bone, 42, 88-92
- Note on a right lung which resembled a left lung in presenting only apical and basal lobes, 59, 326-7
- Modern British pelves in the 'Alfred Hughes' Museum of Anatomy, University College, Cardiff, 59, 328-30
- & **Waterston, D.**, A comparative study of the grey and white matter, of the motor-cell groups, and of the spinal accessory nerve, in the spinal cord of the porpoise (*Phocoena communis*) part I, 38, 105-18; part II, 38, 295-311
- Microphotographs of sections of different segments of the spinal cord of *Phocoena communis*, 37, lxx, P.
- Hepner**, see Megetiet
- Heppner, C. L.**, on structure of striped muscular fibre, 3, 449-50, rep.
- on the carotid body, 4, 160, rep.
- on a case of true hermaphroditism, 5, 382, rep.
- Hepworth, F. A.**, An unusual peritoneal sac, 50, 293-8
- Herbert**, Description of a finger-like diverticulum from the right ureter, 39, 507, rep.
- Herbert, J.**, The effect of cerebral lesions on oestrus in ferrets, 91, 598, P.
- Herdan, G.**, see Yoffey, J. M., Ancill, R. J., Holt, J. A. G. & Owen-Smith, B.
- Hering**, on increased heart-rate and inspiration [Hering-Brewer reflex] 6, 484-5, rep.
- & **Horvath**, on the action of respiration on circulation, 5, 212, rep.
- & **Hoyer**, on pigment cells of skin, 4, 190-1, rep.
- Hering, E.**, on the arrangement of the minute bile-ducts [capillaries] in vertebrates, 2, 171-2, rep.
- on function of pulmonary branches of the vagus, 3, 462, rep.
- on doctrine of the sense of sight, 9, 219, rep.
- on the cause of high secreting pressure in the gland, sub-maxillaris, 9, 234, rep.
- on simultaneous light-contrast, 9, 414, rep.
- & **Köllicker, A.**, on the minute origin of the bile-ducts [capillaries] *abs.*, 2, 161-4
- Hering, P.**, on blood gases in apnoea, 3, 467, rep.
- Hermann**, on actions of anaesthetics, 1, 155, rep.
- on the protagon in the blood, 1, 161, rep.
- effect of injection and oral administration of curare in rabbit, 2, 186, rep.
- on cause of first heart sounds, 3, 207, rep.
- on effect of currents on muscle and nerve, 7, 178-9, rep.
- on contribution to the knowledge of digestion and nutrition, 4, 179, rep.
- on appearance of simultaneous contrasts, 4, 328, rep.
- on electrical activity in muscles and nerves, 4, 329-30, rep.
- on causes of electromotor appearances in muscles, 5, 218, rep.
- on muscle contraction, 6, 239, rep.
- on electromotor properties of muscles and nerves, 6, 240-1, rep.
- on physiology of vomiting 7, 186-7, rep.
- on action of galvanic currents on muscles and nerves, 8, 186, rep.
- on electrotonus, 8, 213, rep.
- on so-called shortening of tendons, 8, 214, rep.; reply to Englemann, 8, 423, rep.
- Lehrbuch der Experimentellen Toxicologie*, 1874, 9, 248, rep. (notice)
- & **Escher**, on convulsions in relation to disturbance of cranial circulation, 4, 323, rep.
- on experimental convulsions, 5, 208, rep.
- & **Ganz**, on influence of cold drinks on blood-pressure 4, 324, rep.
- & **Walker**, on muscle rigidity induced by heat, cold and excision, 6, 239, rep.
- Hermann, D. L.**, *Elements of physiology* (trans. by A. Gamgee) 1875. 10, 438, rev.
- Hermann, L.**, on metabolism of muscles, 2, 179, rep.
- Grundriss der Physiologie der Menschen*, 1867. 3, 189-90, rev.; 5th ed., 1874. 9, 248, rep. (notice)
- on chemical processes in muscles in contraction and rigor, 3, 232-4, rep.
- on chemical explanation of electro-motive properties of muscle and nerve, 3, 234-6, rep.
- on electrotonus, 8, 400, rep.; 9, 218, rep.
- on apparatus for demonstration of Listing's Law, 9, 219, rep.
- on passage of oblique rays through the lens, 9, 414, rep.
- on electrical stimulation of the cerebrum, 10, 619, rep.
- on the transverse conduction through nerves during stimulation, 11, 544, rep.
- on the relation between weight and height, 11, 568, rep.
- Elements of human physiology*, 1878. (trans. & ed. by A. Gamgee) 13, 289, rev.
- & **Steeger, T.**, on haemoglobin, 10, 645, rep.

Author Index

- Herrath, E. von & Abramow, S., *Atlas der normalen Histologie und mikroskopischen Anatomie des Menschen*, 1950. 85, 406-7, *rev.*
- Herrendörfer, G., on physiological and microscopical investigations into secretion of pepsin, **11**, 559, *rep.*
- Herrenschmidt, *see* Duclaux
- Herrick, C. Judson, What are viscera, **56**, 167-76
A case of ovum in ovo, **34**, 414-15, *rep.*
- Herringham, on right aorta with persistent left aortic root giving origin to the left subclavian, **25**, vi-vii, *P.*
- Herringham, W. P., on proximal retroperitoneal jejunum, **26**, v, *P.*
- Herriott, B. A., The accessory pancreatic duct of the rat, **100**, 945, *P.A.S.A.N.Z.*
- Hertslet, L. E. & Keith, A., A comparison of the anomalous parts of two subjects, one with a cervical rib, the other with a rudimentary first rib, **30**, 562-7; **30**, xv, *P.*
- Hertwig, O., on structure and development of elastic tissue in the yellow cartilage, **7**, 327, *rep.*
on skeleton of buccal cavity, and dentary system of amphibia, **9**, 397, *rep.*
on spina bifida causation, **27**, 415, *rep.*
Experiments on the ova of *Siredon pisciformis*, **31**, 455, *rep.*
On the effect of centrifugal force on the development of the ova of *Rana esculenta*, **34**, 410, *rep.*
- Hertz, on nerve fibres in uterine muscles, **4**, 154, *rep.*
on atrophy of the left kidney, **4**, 161, *rep.*
- Hertz, H., on minute structure and development of teeth in embryo pigs, dogs and calves, **1**, 357, *rep.*
- Herzen, on the investigation of central inhibition of spinal reflexes, **2**, 187-8, *rep.*
- Herzenstein, on nervous control of secretion of lachrymal glands **2**, 413-14, *rep.*
- Heschl, on premature obliteration of sutures of cranium in 7-months' foetus, **4**, 300, *rep.*
on convulsions in depth of central sulcus, **13**, 266 (*t.o.*); comment by Turner, **13**, 270
- Heschl, R. L., On the anterior transverse temporal gyrus, **13**, 267 (*t.o.*); comment by Turner, **13**, 270
- Heslop, T. S., Gastric motility produced by hypothalamic stimulation, **72**, 626, *P. (dem.)*
- & Maycock, W. d'A., Experimental demonstration of adrenal gland innervation, **72**, 626, *P. (dem.)*
see also Maycock, W. d'A.
- Hess, A., Further histological studies on the presence and nature of the ground substance of the central nervous system, **92**, 298-303
see also Horn, G.
- Hess, A. F., *Rickets, including osteomalacia and tetany*, 1930. **64**, 539-40, *rev.*
- Hesse, on muscles of human tongue, **10**, 443, *rep.*
- Hesse, O., on hydrocotarnin, **8**, 224, *rep.*
- Héstele, Familial phocomely, 3 cases, **34**, 412, *rep.*
- Hett, G. Seccombe, on the palatine tonsils in man and other animals, **44**, i, *P. (t.o.)*
- & Butterfield, H. G., The anatomy of the palatine tonsils, **44**, 35-55
- Heubach, on action of quinine on the nervous system, **9**, 212, *rep.*
- Heubel, on relation of the central parts of the nervous system to absorption, **7**, 349, *rep.*
- Heubel, E., on composition of tobacco-smoke, **8**, 226-7, *rep.*
- Heubel, F., on the spasm-centre of the frog and its relation to certain drugs, **9**, 411-12, *rep.*
- Heuberger, A., on normal absorption and interstitial growth of osseus tissue, **9**, 388, *rep.*
- Heufner, on estimation of urea, **6**, 465, *rep.*
- Heuyer, *see* Niclot
- Heuzinga, on blood chemistry, with reference to haemoglobin, **2**, 178, *rep.*
- Hewer, Evelyn E., The development of muscle in the human foetus, **62**, 72-8
A modification of Ranson's silver nitrate method for demonstrating axis cylinders, **67**, 350-2, *anat. not.*
Staining of nervous tissue in bulk for histological investigation for class purposes, **68**, 282-3, *anat. not.*
Some unusual histological preparations of human material, **81**, 387, *P. (dem.)*
The development of nerve endings in the human foetus, **69**, 369-79
- & Sandes, G. M., *Introduction to the study of the nervous system*, **64**, 535-6, *rev.*; *An introduction to the study of the nervous system*, 1933. **68**, 430, *rev.*
see also Keene, M. F. Lucas
- Hewetson, Congenital coccygeal tumour, **38**, 370, *rep.*
Case of cloacal defect, **39**, 506, *rep.*
- Hewitt, C. Gordon, An abnormal vermiform appendix in the rabbit, **40**, 407-8
- Hewitt, J. A., Sections of the central nervous system, **72**, 474, *P. (dem.)*
- Hewitt, R. W., An abnormal left bronchial artery, **64**, 363, *anat. not.*
- Hewitt, W., The absorption of triolein from the small intestine of the rat, **87**, 455, *P.*
The development of the human basal ganglia, **91**, 569, *P.*
The absorption of oleic acid from the small intestine of the rat, **91**, 582, *P.*
The development of the human caudate and amgdaloid nuclei, **92**, 377-82
A method for staining whole brains for gross and macroscopic study, **93**, 134-6
The mammalian caudate nucleus, **93**, 169-76
The median aperture of the fourth ventricle, **94**, 549-51
The development of the human internal capsule and lentiform nucleus, **95**, 191-9
The development of the human corpus callosum, **96**, 355-58
- Hey, On two polydactyle families, **39**, 509, *rep.*
- Heyner, Susan, *see* Causey, G.
- Heyns, O. S., A study of the Bantu female pelvis, **78**, 151-66
- Heynsbergh, C., Ischiopagus, **35**, 501, *rep.*
- Heynsius, on albuminoid substances in blood, **4**, 177-8, *rep.*
on globulin in the blood serum in animals, **4**, 178, *rep.*
on causes of cardiac and arterial sounds and murmurs, **13**, 407-9, *rep.*
- & von der Horst, on fibrin yield in erythrocytes, **5**, 223, *rep.*
- Heynsius, A., On the albuminous substances of the blood-serum, **3**, 120-2
Fibrin, a constituent of the stroma of the red blood-corpuscles, **3**, 122-6
on properties of albumin, blood serum and egg white, **10**, 642-3, *rep.*
on albumin and its compounds, **10**, 643, *rep.*
- Hibbard, Hope & Parat, M., Oogenesis in certain teleosts with special reference to the chondriome, vacuome and yolk formation, **61**, 494-7, *P.*
demonstration of ovogenesis and spermatogenesis, **61**, 515, *P.*
- Hibbs, Russell A., *Pioneer in orthopaedic surgery*, 1869-1932 (Goodwin) 1935. **70**, 443, *rev.*

Author Index

- Hickey, M. F.**, The incidence of congenital anomalies in Australia, 97, 485, P.
 Extramedullary and extravascular haematopoiesis, 97, 487-8, P.A.S.A.N.Z.
 Symmelia (sympodia, sirenomelia)—the general characters of the malformation, 99, 205, P.
 Electron micrographs showing some features of human renal histology in the 'nephrotic syndrome', 99, 218, P. (dem.)
 Extramedullary haematopoiesis in the solitary hypoplastic 'kidney' of a malformed full-term human foetus, 99, 218, P. (dem.)
 Humeral rotation in abduction and flexion, 100, 947, P.A.S.A.N.Z.
 The transversus abdominis sheet, 100, 936, P.A.S.-A.N.Z.
- Hickman, W.**, on multiple congenital defects of heart, one case, 4, 306, rep.
 on persistent vitelline duct, one case, 4, 306, rep.
- Hickmann, N.**, on transposition of thoracic and abdominal viscera, 3, 456, rep.
- Hicks & Bankart**, on two acephalic monsters, 3, 203, rep.
- Hicks, Braxton**, see Matthews, J. & Winkler, F. N.
- Hicks, J. Braxton**, Uterine contractions during pregnancy, 6, 215
 Some remarks on the anatomy of the human placenta, 6, 405-10
 on pathological changes in blood corpuscles, 6, 438, rep.
- Hicks, J. H.**, The function of the plantar aponeurosis, 85, 414-15, P.
 The mechanics of the foot, I. The joints, 87, 345-57; II. The plantar aponeurosis and the arch, 88, 25-30
- Hicks, R. Marian**, Permeability barriers in the rat ureter transitional epithelium, 99, 932, P.
- Higgins, H.**, The semilunar fibro-cartilages and transverse ligament of the knee-joint, 29, 390-8
 The popliteus muscle, 29, 569-73, 29, xxxi, P.
 The geniculate articular surfaces of the femur and tibia, 29, 574-82
 on the varieties of posterior crucial ligament of the knee-joint, 29, v-x, P.
 The true capsule of the knee-joint, 30, 289-91; 30, iv, P.
 The geniculate articular surfaces of the femur and tibia, 30, 292-5
 Anatomical notes and queries, 33, 350-55
- Higgs, B.**, The effect of various solutions upon nodal and internodal diameters of living fibres, 92, 643, P.
- Highet, H. C.**, A remarkable series of infantine malformations, 30, 452, rep.
- Highmore, Nathaniel** (Zachary) 73, 669, P.
- Higton, D. I. R. & James, D. W.**, Quantitative studies of the forces of wound contraction in the rabbit, 97, 303, P.
 see also Charlton, C. A. C., James, D. W., Nicol, A. R. & Stewart, J. O.
- Hilbert, Syndactyly** in a child, 39, 509, rep.
- Hildbrand**, on the presence of gastric glands in the oesophagus, 33, 683 (ref. only)
- Hill**, see Thomson & Halliburton
- Hill, A.**, Dissection of a double monster (epigianthus) 19, 190-7
 The anatomy of a hydromicrocephalous brain, 19, 363-81: see also de Lisle, S. E.
 The Hippocampus, in *Phil. Trans.* 1893, B, 184, 389-429, 28, 269, rev.
- Hill, C. A.**, An account of a prehistoric skeleton found in a cave in Littondale, Yorkshire, 41, 221-30; 41, vii (November 1906)
- Hill, Miss C. J.**, Preparations and drawings of nerve-endings in reptilian skeletal muscle, 65, 176, P. (t.o.)
- Hill, C. Ruth & Bourne, G. H.**, Histochemistry and cytology of salivary gland duct cells, 87, 445, P.
 Histochemical changes in various tissues in scurvy, 88, 581, P.
 Autoradiographic studies of uptake of ³⁵S in normal and scorbutic guinea-pig tissues, 90, 576-7, P.
- Hill, J. C.**, Microscopic preparations showing the enteric plexuses, 61, 514, P. (dem. only)
 see also Hill, J. P.
- Hill, J. P.**, Preliminary note on the occurrence of a placental connection in *Perameles obesula* and on the foetal membranes of certain macropods, 1895, 30, 585-6, rev.
 Development of *Hapale jacchus*, 60, 486-7, P.
 drawings illustrating primate placentation and development of monotremes and marsupials, 61, 515, P.
 A biographical sketch of his career and an appreciation of his work, together with a bibliography of his published writings, (volume 82 dedicated to J. P. Hill) 82, 3-8
- & **Florian, J.**, The development of the head-process and prochordal plate in man, 65, 242-6; 65, 177, P.
 Further note on the prochordal plate in man, 66, 46-7
- & **Flynn, T. T.**, Segmenting eggs of monotremes, 66, 132, P. (t.o.)
 The processes of cleavage and germ-layer formation in the monotreme egg, 69, 150, P. (disc. only)
- & **Hill, J. C.**, An early blastocyst of *Hapale jacchus*, 61, 514, P. (dem. only)
- & **Rau, Subba**, on pregnant uteri (*Loris gracilis*) 60, 464, P.
- & **Sansom, G. S.**, Observations on the structure and mode of implantation of the blastocyst of *Cavia*, 64, 113-15, P.
 The early development of the trophoblast in South American monkeys, 59, 77, S.P.
- & **Tribe, Margaret**, Notes on the early development of the cat, 59, 66, S.P. (t.o.)
- & **Watson, Katherine, M.**, On the morphological anterior and of the brain and the anterior neuropore, 59, 12-13, S.P.
 The early development of the brain in marsupials, 92, 493-97
 see also Buchanan, Gwynneth & Fraser, Elizabeth A. Florian, J.
 Flynn, T. T.
 Gatenby
 Wilson, J. T.
- Hill, K. J.**, The glands of the mucous membrane of the goat abomasum, 85, 215-20
- Hill, Miss M.**, see Bentley, F. H.
- Hill, Margaret & Parkes, A. S.**, Attempts to promote the re-formation of germ cells, 65, 212-14
- Hill, W.**, Pharyngeal tonsil of sheep, 24, xiv, P.
- Hill, W. C. Osman**, Observations on the growth of the suprarenal cortex, 64, 479-502
 The suprarenal cortex in monkeys of the genus *Pithecius*, 68, 19-38
 Studies on the cardiac anatomy of the elephant. I. The coronary blood vessels, 70, 386-98
 The suprarenals of the larger Felidae, 72, 71-82
 Atrial arteries in a human heart, 79, 41-3
 Nasopalatine canals in the living adult, 80, 226, P.
 Cauda humana in a Tamil, 80, 238, P.
 Albinism in man, etc., in Ceylon, 80, 239, P.

- Hill, W. C. Osman, Adrenals of Capuchin monkeys, 81, 400-1, P.; 81, 403, P. (*dem.*)
- Blood-supply of the human caecum, 83, 65-6, P.
- Osteological racial differences in the newborn, 84, 72, P.
- Coronary arteries in the camelidae, 85, 421, P.
- Ontogenetic changes in the colobid stomach, 87, 438, P.
- Sternal glands in the genus *Mandrillus*, 88, 582, P.
- Man's ancestry. A preview of human phylogeny, 1954. 88, 543-4, rev.
- Primates, Comparative anatomy and taxonomy. I. *Strepsirhini*, 1953. 88, 108-9, rev.; Part 2. *Haplorhini: tarsoidea*, 1955. 89, 554-5, rev.; *Primates*. Part 3—*Platyrrhini* (families *Hapalidae* and *Callimiconidae*) 1957. 91, 565-6, rev.; Volume 4. *Cebidae*—Part A (including sub-families *Callicebinae*, *Aotinae*, *Pitheciinae*, *Cebinae*) 1960. 95, 277-8, rev.; *Primates*, Volume V, *Cebidae*. Part B., 1962. 97, 134, rev.
- A peritoneal specialization in the squirrel monkey (*Saimiri*) 89, 569, P.
- Some points on the comparative anatomy of living primates, 93, 570, P. (TV *dem.*)
- see also Brash, J. C.
- Donovan, H.
- Hiller, A., on changes in erythrocytes in sepsis, 9, 221, rep.
- on bacteria and putrefaction, 9, 448, rep.
- Hillier, Two cases of so-called congenital elephantiasis, 38, 362, P.
- Hillier, W. T., A theory of the formation of animals, 1932. 66, 435-6, rev.
- see also Thompson, Peter
- Hillyard Holmes, A., see Holmes, A. Hillyard
- Hilton, J., On the influence of mechanical and physiological rest in the treatment of accidents and surgical diseases, and the diagnostic value of pain, edited by E. W. Walls, E. E. Philipp in collaboration with H. J. B. Atkins, 6th ed. 1950. 85, 303, rev.
- Himstedt, R., on cranial bones of *Lepus*, 5, 384, rep.
- Hindenach, J. C. R., The cerebellum of *Sphenodon punctatum*, 65, 283-318
- Hine, I. F., see Adey, W. R., Rudolph, Alice F. & Harriott, Nancy, J.
- Hines, Marion, The superior olive in *Ornithorhynchus*, 55, 290-1
- The embryonic cerebral hemisphere in man, 55, 292
- Hingston, Fox, R., see Fox, R. Hingston
- Hinshaw, J. R., The pattern of innervation in the iris, 83, 75, P.
- see also Feindel, W. & Weddell, G.
- Hintzsche, E., Das Aschenbild tierischer Gewebe und Organe (Micro-incineration of Animal tissues) 1956. 91, 295, rev.
- Hippel, E. von, Congenital hydrophthalmus, 1 case, 34, 417, rep.
- A case of partial absence of the iris, 36, 304, rep.
- on anomalies of the eye and orbit, 42, 137, rep.
- Hirschberg, on method for measuring refractive power of crystalline lens, 9, 414, rep.
- on influence of section of trigeminal nerves on ocular pressure, 9, 415, rep.
- on optic chiasma in man, 10, 634, rep.
- Hirschberg, J., on estimation of the refractive index of the fluid media of the human eye, 8, 400, rep.
- on opacities in cornea in relation to squinting, 10, 633, rep.
- Hirschberg, L., on cleft palate, hare lip and failure of development of pinna in same foetus, 27, 418, rep.
- Hirschland, on the development of the mammary organ in the human subject, 33, 354 (*ref. only*)
- Hirschmann, H. & Chrzonszczewsky, on more minute structure of the texture of the lungs, 1, 357, rep.
- Hirst, B. C. & Piersol, G. A., Human monstrosities parts I and II, 1891-2. 26, 576-7, rev.
- Hirst, R. J., see Wyburn, G. M. & Pickford, R. W.
- His, W., On a system of perivascular canals in the nerve centres, and on their relationship to the lymphatic system, trans. by Bastian, 1, 347-52
- Untersuchungen über die erste Anlage des Wirbelthierleibes: die erste Entwicklung des Hühnchens im Ei, 1868. 3, 183-6, rev.
- Unsere Körperform und das physiologische Problem ihrer Entstehung, 1875. 9, 387, rev.
- on development of bony fishes, 10, 457, rep.
- on problems in pathological embryology, 26, 430-1, rep.
- Development of the brain and the nerves in connection with it, 31, xl, P. (t.o.)
- Congratulations on 70th birthday, 36, xxii-iii, P.
- & Spalteholz, W., Hand Atlas der Anatomie des Menschen, vol. 1, 1st part, 1895; 2nd part, 1896. 31, 166-7, rev.
- Hitzig, on effects of stimulation with constant currents to the brain, 7, 175-6, rep.
- on transverse conduction in frog nerve, 8, 186, rep.
- Hitzig, E., on effects of varying intensity current and anaesthesia upon results of electrical stimulation of cerebral cortex, 8, 397, rep.
- on transverse conduction in nerves, 8, 400, rep.
- on functions of the brain (collected papers) 9, 207, rep.
- on electrical stimulation of cerebrum, 9, 208, rep.
- on visual results of extirpation of cortex, 9, 209-10, rep
- see also Fritsch, G.
- Hitzig, G., on distribution of cerebrospinal fluid, 10, 203, rep.
- Hlasiwetz & Habermann, on relations between proteids and carbohydrates, 6, 471, rep.
- Hník, P., see Zelená, J.
- Ho, A. K. S., Counts of enterochromaffin cells in chicks, 100, 948, P.A.S.A.N.Z.
- , Southwell, J. M. & Schofield, G. C., Histochemical and pharmacological studies on the 5HT content of the colon in mice, 100, 944, P.A.S.A.N.Z.
- Hobson, J. M., On the mechanism of costal respiration, 15, 331-45
- Hoche, on four valves in the pulmonary artery, 33, 682 (*ref. only*)
- Hochstetter, on the development of the brain, 33, 505 (*ref. only*)
- Hochstetter, A. F., editor Anatomischer Atlas (Toldt) 13th ed., vols. 1-III, 1927. 62, 520, rev.
- revisor & editor, Toldt Anatomischer Atlas, Bd. I, II & III, 1931. 66, 127-8, rev.
- Hodges, R. D., The blood supply to the avian oviduct, with special reference to the shell gland, 99, 485-506
- Hodgkin, A. L., The conduction of the nervous impulse. The Sherrington Lectures, VII. 1964. 98, 679, rev.
- Hodgkinson, A., Structure of the left auriculo-ventricular valve in birds, 36, 14-19
- Hodgkinson, L. A., The endocranial equivalents of the Frankfurt plane and the exocranial position of the internal auditory meatus, 65, 96-107
- Hodson, J. J., Epithelial residues of the jaw with special reference to the edentulous jaw, 96, 16-24
- Hoerr, N. L., Pyle, S. I. & Francis, C. C., Radiographic atlas of skeletal development of the foot and ankle. A standard of reference, 1962. 96, 543, rev.

- Hoeven, van der**, on the carpus and tarsus of the *Cryptobranchus japonicus*, 1, 185-6, *abs.*
note on blood corpuscles of *Menobranchus*, 2, 199
on skeleton of *Dromus ardeola* (crab-plover), 2, 402-3, *rep.*
- Hofer, H., Schultz, A. H. & Starck, D. editors**, *Primatologia (Handbook of primatology)* vols. 1, III/1 and III/2 (1956, 1958, 1960). 96, 135, *rev.*; Vol. II, Lieferung 5, 1960. 95, 145, *rev.*; Vol. II/2, Lief. 6, 1962. 97, 135, *rev.*; Vol. IV, Lieferung 5, 1961. 95, 443, *rev.*; Band II, Teil 2, Lieferung 13, 1965. 100, 209-10, *rev.*
see also Thenius, E.
- Hoffa**, on the human foot and its covering, 33, 679 (*ref. only*)
- Hoffman**, on assimilation of fats, 8, 205, *rep.*
- Hoffman, A.**, on distribution of gustatory bodies in human tongue, 9, 396, *rep.*
- Hoffman, B. F.**, *see* de Carvalho, A. P. & de Mello, W. C.
- Hoffman, H.**, *see* Causey, G.
- Hoffman, H. J.**, *see* Causey, G.
- Hoffmann**, On absence of the sternal part of right pectoralis major, 32, 790, *rep.*
see also Böhm
- Hoffmann, E.**, double embryo of chick (anadidymus), 28, 372-3, *rep.*
- Hoffmann, F.**, On formation of calculi in the bladder, 10, 218, *rep.*
- Hoffmann, F. A.**, on effects of subcutaneous injection of amyl nitrite, 8, 222, *rep.*
see also Bock, C.
- Hofmann**, on action of papaverine, 3, 474, *rep.*
analysis of urine in diabetes insipidus, 5, 225-6, *rep.*
on the fixation of the theca vertebralis in the vertebral canal, 33, 506, *abs.*
- Hofmann, F.**, on absorption and storage of fat, 7, 350, *rep.*
on passage of free acids through blood and urine, 7, 355, *rep.*
- & **Schwalbe, G.**, *Jahresberichte über die Fortschritte der Anatomie und Physiologie*, 1872, 1873, 1874. 10, 436, *rev.*
- Hofmeister**, On lactosuria, in pregnant women, 13, 249, *rep.*
- Hogarth Pringle, J.**, *see* Pringle, J. Hogarth
- Hogben, L. T.**, Appointed to University Chair of Social Biology, London School of Economics, 65, 401
- Hoggan**, on erectile action of the blood-pressure in inspiration 8, 203, *rep.*
- Hoggan, Frances Elizabeth**, *see* Hoggan, G.
- Hoggan, G.**, New forms of nerve termination in mammalian skin, 18, 182-97
On the multiple lymphatic naevi of the skin, and their relation to some kindred diseases of the lymphatics, 18, 304-26
— & **Hoggan, Frances E.**, On the lymphatics of cartilage or [and] of the perichondrium, 15, 121-36
On the comparative anatomy of the lymphatics of the mammalian urinary bladder, 15, 355-77
On the lymphatics of the pancreas, 15, 475-495
On the comparative anatomy of the lymphatics of the uterus, 16, 50-89
The lymphatics of the walls of the larger blood-vessels and lymphatics, 17, 1-23
The lymphatics of the periosteum, 17, 308-28
Forked nerve endings on hairs, 27, 224-31
- Högyes, A.**, on condition of circulation in the kidney, 8, 421, *rep.*
- Holden**, on effects of inhalation of nitrous oxide in pulmonary disease, 5, 390, *rep.*
- Holding**, on cases of teratology in animals, 42, 135, *rep.*
- Holdsworth, E. W. H.**, on a cetacean observed west of Ceylon, 7, 336, *rep.*
- Holl**, the construction of the face, 33, 506 (*ref. only*)
- Holland, C. Thurston**, a series of radiographs, 37, lxx, P.
On rarer ossifications seen during x-ray examinations, 55, 235-48
- Holland, R. A. B.**, Problems on red cell size and membrane permeability, 98, 487, P.A.S.A.N.Z.
- Hollinshead, W. H.**, *Textbook of anatomy*, 1962. 97, 293-4, *rev.*
- Hollis, W. Ainslie**, On the anatomy and physiology of the so-called 'salivary glands' of the common cockroach—*Periplaneta orientalis*, 5, 242-6
Tissue metabolism, or the artificial induction of structural changes in living organisms, part I, 6, 381-94; part II, 7, 80-93; part III, 8, 120-6
The homologue of a mandibular palp in certain insects, 6, 395-7
A note on the growth of the masticatory organs of isopod crustaceans, 6, 398
Lopsided generations [right-left handedness], 9, 263-71
An attempt to obtain a mechanical equivalent to the power of growth in aerial leaves, 12, 528-33
Researches into the histology of the central grey substance of the spinal cord and medulla oblongata, part I, 17, 517-22; part II, 18, 62-5; part III, 18, 203-7, and pons varollii, part IV, 18, 441-5; part V, 19, 274-9
Endarteritis proliferens, 32, 153-63
The joint in a fowl's tongue and its vocal function, 35, 413-15
- Holm, F.**, on alcoholic extract of ox supra-renal gland, 2, 179-80, *rep.*
- Holman, Mollie E.**, *see* Merrillees, N. C. R. & Burnstock, G.
- Holmes, et. al.**, *Teaching of Anatomy*, 33, viii, P.
- Holmes, A. Hillyard**, The auriculo-ventricular bundle in mammals, 55, 269-85
- Holmes, Anne, M.**, Observations on the intrinsic innervation of the rectum and anal canal, 95, 416-22; 94, 452, P.
- Holmes, C. L.**, on effect of ergot on arteries and blood-pressure, 5, 206-7
- Holmes, R. L.**, Patterns of cutaneous pigmentation: rodents, 87, 163-68; 86, 498, P.
Hair pigment patterns, 87, 443-4, P.
Pineal homografts in rabbits, 89, 576, P.
Iris reactions to foetal pineal homografts, 90, 567, P.
Receptor nerve endings in the adult dog heart, 90, 588, P.
Further observations on the nerve endings in the adult dog heart, 90, 600, P.
Structures in the atrial endocardium of the dog which stain with methylene blue, and the effects of unilateral vagotomy, 91, 259-66
Cholinesterase activity in the dog heart wall, 91, 588, P.
Nerves of the rodent heart and ductus arteriosus, 91, 606, P.
Some features of the ductus arteriosus, 92, 304-9
Postnatal obliterative changes in the rabbit ductus arteriosus, 92, 662-3, P.
The cytology of the pituitary gland of the female ferret, 93, 582, P.
The adrenal glands of the ferret (*Mustela putorius*) 95, 325-36
Regeneration of hypothalamo-neurohypophysial nerve fibres after pituitary stalk section, 97, 310, P.
An abdominal lymphoid organ in the shrew, 98, 296-7, P.

- Holmes, R. L., The fine structure of the mammalian neurohypophysis, 99, 192-3, P.
 Abdominal lymphoid tissue in the shrew, 99, 445-457
 Ultrastructure of supraoptic neurones of the hedgehog, 99, 937-8, P.
 Some features of prosimian pituitary glands, 100, 691-3, P.
 — & Kiernan, J. A., Nerve fibres of the infundibular process of the hedgehog, 97, 613-15, P.
 — & Walls, W. K. J., A diaphragmatic hernia in an adult cat, 92, 663, P.
 — & Zuckerman, S., The blood supply of the hypophysis in *Macaca mulatta*, 93, 1-8
 see also Berry, M.
 Coupland, R. E.
 Holmes, S. J., *Organic form and related biological problems*, 1948. 82, 271-2, rev.
 Holmes, W. & Young, J. Z., Nerve regeneration after immediate and delayed suture, 77, 63-96
 Holmes, W. N., see Benson, G. K. & Phillips, J. G.
 Holmgren, on action currents of the retina, 6, 225, rep.
 on Förster's perimeter and the topography of the sense of colour, 7, 344, rep.
 Holmgren, Frithiof, Physiological investigations on the stomachs of pigeons, 3, 251, n.
 on recent history of the physiology of muscle, and a paper on carnivorous doves, 4, 335
 on the theory of colour-blindness, 9, 414, rep.
 Holt, J. A. G., see Yoffey, J. M., Ancill, R. J. & Owen-Smith, B.
 Yoffey, J. M., Ancill, R. J., Owen-Smith, B. & Herdan G.
 Holt, S. J., see Gould, R. P.
 Holtby, J. R. D., A pleural fold containing the vena azygos, 49, 236-9
 A note of the posterior cruciate ligament of the knee-joint, 49, 386-8
 Some indices and measurements of the modern femur, 52, 363-382
 Holti, G., Microcirculation studies in dermatology, 97, 633, P.
 Holzknecht, G., *Einstellung zur Röntgenologie*, 1927. 62, 363, rev.
 Honan, M. S., Some notes on the early adrenals, 64, 194-9
 Honckgeest, van Braam, on peristaltic movements of the stomach and intestines, 8, 208-9, rep.
 on inhibition of movements of intestines by stimulation of splanchnic nerves, 8, 417, rep.
 stimulation of splanchnic nerves, 9, 215, rep.
 Höne, J., on bile acids in urine, 9, 439, rep.
 Hoorweg, J. L., Physical notes on the motion of the blood in the human arteries, 24, 434-71, 592
 Hoppe, J., on Meyer's experiment, 9, 414, rep.
 Hoppe-Seyler, F., on the effects of sulphuretted hydrogen on the blood, 1, 160, rep.
 on the oxygenation of the blood, 1, 358, rep.
 on blood chemistry, with reference to haemoglobin, 2, 178, rep.
 on haemochromogen 5, 223, rep.
 on amoeboid movements of leucocytes, 6, 245-6, rep.
 on haematin, 6, 457, rep.
 on blood composition in chyluria, 6, 459, rep.
 on putrefaction and disinfection, 6, 470, rep.
 on chemical composition of pus, 6, 471, rep.
 on site of metabolism of albumin, 8, 206-7, rep.
 On the properties of blood pigment, 13, 242-3, rep.
 on blood, 4, 178, rep.
 on blood corpuscles of *Igel* and *Coluber natrix*, 4, 178, rep.
 on preparation of urinary pigment from haemoglobin, 9, 440-1, rep.
 on the highest temperature at which life can exist, 10, 651, rep.
Handbuch d. physiologisch- und pathologisch-chemischen Analyse, 4th ed., 1875. 10, 658, rep. (notice)
 Hoppel & Grünhagen, on the influence of sympathetic and trigeminal stimulation on intraocular pressure 5, 401, rep.
 Hopwood, A. T., Description and demonstration of a neolithic skull, 60, 480, P.
 Notes on some anomalous Gibbon skulls, 67, 475-9
 Age of Oldoway Man, 67, 207, P.
 Demonstration of fossil bones of Miocene Primates discovered at Kenya, 67, 207, P. (t.o.)
 Hopwood, D., Some aspects of glutaraldehyde fixation, 99, 928, P.
 — & Coupland, R. E., Observations on the reaction of biogenic amines, in particular noradrenaline, with glutaraldehyde, 99, 191, P.
 Further observations on the reaction between biogenic amines and glutaraldehyde, 99, 414, P.
 Effects of formaldehyde and pH on catecholamines and chromaffin granules, 100, 426-7, P.
 see also Coupland, R. E.
 Hopwood, E. O., see Brooke, H. G.
 Horand, Abnormality of the kidney, 40, 299-300, rep.
 Horava, A., see Selye, H.
 Horii, I., see Kotani, M., et. al.
 Horn, G. & Ford, E. H. R., The effects of thyroid deficiency of the growth of the rat skull, 95, 131-6
 — & Hess, A., The effects of hypothyroidism on the development of the ground substance of the cerebral cortex, 92, 419-24
 Horne Craigie, E. see Craigie, E. H.
 Horne, R. M., On colloid in the lymphatics and blood-vessels of the thyroid in goitre, 27, 161-78
 Horning, E. S., Microincineration, 69, 150, P. (t.o.); 69, 152, P. (dem.)
 — & Richardson, K. C., New technique for cultivation of tissues *in vitro*, 72, 144, P.
 Horsfall, F. L., see Beattie, J.
 Horsford, E. N., on source of free hydrochloric acid in gastric juice, 4, 180, rep.
 Horsley, V., *The structure and function of the brain and spinal cord, being the Fullerian lectures for 1891*. 1892. 27, 289-90, rev.
 on localisation of function of cortex of cerebrum in relation to sulci, 28, x, P.
 Horst, von der, see Heynsius
 Hörstadius, S., *The neural crest*, 1950. 85, 405-6, rev.
 Horstman, E. & Dabelow, A., *Handbuch der mikroskopischen Anatomie des Menschen*, Band III, Teil 3, *Die Haut. Die Milchdrüse*, 1957. 92, 490, rev.
 Horvath, A., on action of cold, 5, 218, rep.
 on animal heat, 5, 218, rep.
 on replacement of blood by saline, 5, 402, rep.
 on effect of pain on rectal temperature, 5, 409, rep.
 on effects of hypothermia, 5, 409, rep.
 on effects of hypothermia, 6, 235-6, rep.
 on artificial respiration, 6, 485, rep.
 on body temperature in hibernating animal, 7, 185, rep.
 effects of cold on cutaneous sensibility, 7, 344, rep.
 on the behaviour of frogs under the influence of cold, 7, 358, rep.
 on the physiology of animal heat, 7, 358, rep.
 on movements of the intestines, 8, 208, rep.
 on anaesthesia from cold, 8, 427, rep.
 on the cooling of warm-blooded animals, 11, 570, rep.
 see also Hering
 House, E. L., see Pansky, B. & House, E. L.
 Houssay, on dental anomalies, 33, 680 (ref. only)

- Houze, A microcephalic child, 39, 500, *rep.*
 Houzé, E., on 1 case of mentally defective dwarf, 27, 417-18, *rep.*
 Howard, A case of dystrophia muscularis congenita, 44, 96-7, *rep.*
 Howard, Alma, *see* Glücksmann, A. & Pelc, S. R.
 Howarth, F., Observations on the departure of substances from the spinal theca, 84, 80, P.
 — & Cooper, Eugenia R. A., Departure of a colloid from the subarachnoid space, 88, 570, P.
see also Cooper, Eugenia R. A.
 Howarth, P., *see* Dixon, A. D.
 Howden, Demonstration of heart with congenital abnormalities, 26, xv, P.
 Howden, Jas. C., Case of atrophy of right hemisphere of cerebrum and left side of cerebellum, with atrophy of left side of body, 9, 288-96
 Howden, R., Case of double superior vena cava with left-sided arrangement of the azygos veins, 21, 72-5
 Case of misplaced kidney, with undescended testicle and rudimentary vas deferens on the same side, 21, 551-57
 Variations in the hippocampus major, and eminentia collateralis in the human brain, 22, 283-8; discussion, 22, viii, P.
 Note on a case of bifid scrotum, 31, xl, P. (*t.o.*); 32, xxii-iii, P. (*dem.*)
 Case of marked distension of the transverse and descending parts of the colon, 32, 67-75; 31, xxxviii, P. (*t.o.*); 32, ix, P. (*t.o.*)
 Howe, On the cat's foot, 37, 309, *rep.*
 Howe, A., A combined light and electron microscopic examination of the neural lobe of the pituitary of the rat, 93, 572, P.
 — & Jewell, P. A., The effect of water deprivation on the neurosecretory material of the desert rat (*Meriones meriones*) 92, 645-6, P.
 —, Richardson, K. C. & Birbeck, M. S. C., Quantitative observations on the mitochondria in the mammary gland of the guinea-pig, 89, 574, P.
 Howell, A. B., *Monographs of the American Society of Mammalogists. No. 1. Anatomy of the wood rat, [Neotoma]* 1926. 63, 283, *rev.*
Aquatic mammals. Their adaptation to life in the water. 1930. 65, 280-1, *rev.*
 Howes, G. B., On some points in the anatomy of the porpoise (*Phocaena communis*) 14, 467-74
 On the reproduction of the 'feeler' of the lobster's antenna, 16, 47-9
 The presence of a tympanum in the genus *Raia*, 17, 188-90
 On the vestigial structures of the reproductive apparatus in the male of the green lizard, 21, 185-9
 The morphology of the mammalian coracoid, 21, 190-8
 Rabbit with an intra-narial epiglottis, with a suggestion concerning the phylogeny of the mammalian respiratory apparatus, 23, 263-72; 23, viii-ix, P.
 Additional observations upon the intra-narial epiglottis, 23, 587-97; 23, xix, P.
 Variation in the kidney of the common thornback (*Raia clavata*); its nature, range and probable significance, 24, 407-22; 24, xiv, P.
 Vertebral skeleton of fire toad (*Bombinator*) 24, xvi-xvii, P.
 Sacrum of *Bombinator*, 24, xvii, P.
 Crania of 3 rabbits (*Lepus cuniculus*) 24, xvii-xix, P.
 Notes upon the shoulder girdles of certain dicynodontoid reptiles, 26, 403-5
 Demonstration of rabbit's backbone having a free lumbar rib, 26, ii-iv, P.
 On the mammalian pelvis, with especial reference to the young of *Ornithorhynchus anatinus*, 27, 543-56; 27, xxxviii, P.
 on duodenal pouches in relation to accessory pancreatic ducts, 28, xiii-xiv, P.
 Discussion on defects of septa and transposition of aorta and pulmonary arteries in relation to hearts of *Sauropsida*, 29, xvii-xviii, P.
 on the cotyloid bone of cat, 29, xviii, P.
editor. The structure of man an index to his past history (Wiedersheim, translated by H. & M. Bernard) 1895. 30, 316-18, *rev.*
 On the mammalian hyoid, with especial reference to that of *Lepus*, *Hyrax* and *Choloepus*, 30, 513-26
 on the skull of the Tuatara (*Sphenodon punctatus*), a model, 35, iv, P.
 — & Hill, J. P., On the pedal skeleton of the Dorking fowl, with remarks on hexadactylism and phalangeal variations in the amniota, 26, 395-403
 Howse, *see* Pye-Smith & Davies-Colley
 Hoyer, on nerves of cornea, 7, 331, *rep.*
see also Hering
 Hoyes, A. D., Electron microscopy of the surface layer ('periderm') of human foetal epidermis, 100, 448, P. (*dem.*)
 Hoyle, W. E., Case of primary epithelioma of the lung, with secondary deposits in the kidney, vertebrae and ribs, 17, 509-16
 Hoyte, D. A. N., The histological study of bone growth using Alizarin Red A. S., 90, 585, P.
 The interpretation of the results of alizarin staining of bone in growing animals, 91, 591, P.
 The relative contribution of sutural and of ectocranial deposition of bone to cranial growth in rodents, 92, 654, P.
 Alizarin as an indicator of bone growth, 94, 432-42
see also Dawson, B. H.
 Dixon, A. D.
 Roberts, P. A.
 Hrdlicka, Ales, The normal tibia, 33, 350, *anat. not.*; 33, ix, P. (*t.o.*)
 on physical differences between white and coloured children, 33, 685 (*ref. only*)
 Cases of division of the parietal in man and monkeys, 40, 298, *rep.*
 Hsu, F. K., *see* Chang, K. S. F., Chan, S. T. & Chan, Y. B.
 Huber, E., *Evolution of the facial musculature and facial expression*, 1931. 66, 276-7, *rev.*
 Hubert, On amastia, 44, 101, *rep.*
 Hudson, G., Measurements of the volume of bone marrow in guinea-pigs, 91, 585, P.
 Bone marrow in guinea-pigs, 92, 150-61
 The effect of hypoxia upon bone marrow volume, 92, 659-60, P.
 Marrow cellularity in different regions of the guinea-pig's skeleton, 93, 590, P.
 Bone-marrow volume in cats, 94, 274-8
 Eosinophil leucocytes in blood and bone marrow; quantitative study in sensitized animals, 96, 419-20, P.
 Eosinophil granulocytes in blood and bone marrow; quantitative studies following injection of hydrocortisone and ACTH in sensitized animals, 97, 617-18, P.
 Measurement of bone-marrow volume in the human foetus between 29 weeks and full-term, 98, 463, P.
 Bone-marrow eosinophils: observations on the ultra-structure of specific granules, 99, 928-9, P.

- Hudson, G. & Hartmann, J.F.**, Electron microscopic evidence for a relationship between dense bodies and mitochondria in motor nerve cells, 95, 288, *P.*
- & **Yoffey, J.M.**, Reticulo-endothelial cells in the bone marrow of the guinea-pig, 97, 409–16
Studies of bone marrow following intravenous injection of a fine carbon suspension, 97, 145, *P.*
Lymphocytes in transit through the endothelium of bone marrow sinusoids, 100, 423, *P.*
see also Yoffey, J.M. & Osmond, D.G.
- Hüfner, G.**, on amorphous ferments, 7, 359, *rep.*
- Hüfner, G.**, on the preparation of glycocholic acid, 9, 437, *rep.*
- Huggett, A. St. G.**, *see* Pritchard, J. J.
- Hughes Bennett, J.** *see* Bennett, J. Hughes
- Hughes Jones, E. W. A.**, *see* Jones, E. W. A. Hughes
- Hughes, A.**, *The mitotic cycle. The cytoplasm and nucleus during interphase and mitosis*, 1952. 87, 215–16, *rev.*
- Hughes, A. F. W.**, Studies on the area vasculosa of the embryo chick. I. The first differentiation of the vitelline artery, 70, 76–122; 70, 193, *P. (t.o.)*; II. The influence of the circulation on the diameter of the vessels, 72, 1–17; 72, 150, *P.*
The histogenesis of the arteries of the chick embryo, 77, 266–87
The growth of embryonic neurites, 87, 150–62; 87, 446, *P.*
The effect of fixation on neurons of the chick, 88, 192–203; 88, 549, *P.*
Nucleic acids in the cord and dorsal root ganglia of the developing chick, 88, 565, *P.*
The development of the spinal cord of *Xenopus laevis*, 90, 590, *P.*
The development of the primary sensory system in *Xenopus laevis* (Daudin) 91, 323–38
Histogenesis of tail regeneration in the geckonid *Sphaerodactylus*, 93, 569, *P.*
On the labelling of larval neurones by melanin of ovarian origin in certain Anura, 97, 217–24
The innervation of xenografted limbs in the embryo of *Eleutherodactylus martinicensis*, 98, 385–96
The effects of de-afferentation of limb ganglia in developing Anura, 99, 924–5, *P.*
- & **Flexner, L. B.**, A study of the development of the cerebral cortex of the foetal guinea-pig by means of the ultra-violet microscope, 90, 386–94
- & **Fozzard, J. A. F.**, Cell number in the anuran ventral horn, 94, 451, *P.*
- & **Lewis, P. R.**, Nissl substance and cholinesterase in developing neurones, 94, 290, *P.*
- & **Tschumi, P. A.**, The factors controlling the development of the dorsal root ganglia and ventral horn in *Xenopus laevis* (Daud.), 92, 498–527
see also Boyd, J. D.
Lewis, P. R.
- Hughes, Alfred**, An unusual form of abnormal obturator artery arising from the profunda femoris along with the deep epigastric artery, 26, xix–xx, *P.*
- Hughes, A. W.**, Abnormal arrangement of arteries in the region of the kidney and supra-renal body, 26, 305–7
on a case of fused atlas and occipital bone, 33, iv–v, *P.*
- Hughes, E. Brodie & Zuckerman, Sir Solly**, Section of the pituitary stalk in the monkey, 91, 600, *P.*
- Hughes, E. S. R.**, The development of the mammary gland (early intra-uterine phase) 84, 60, *P.*
- Hughes, H.**, The evolution of the human transverse carpal arch, 77, 120, *P.*
The evolution and functional significance of the transverse carpal arch of man, 78, 167–72
- Cyclical changes in the islets of Langerhans in the rat pancreas, 81, 82–92
The regeneration of islets of Langerhans in the laboratory rat, 80, 234, *P.*
The nutrient canal in the long bones of the limbs, 84, 68, *P.*
Voluntary dislocation of the shoulder, 87, 450–1, *P.*
A film illustrating some stages of parturition in the fruit-bat, *Pteropus giganteus*, 90, 595, *P.*
- Hughes, H. V. & Dransfield, J. W.**, *McFadyean's Osteology and arthrology of the domesticated animals*, 4th ed. 1953. 88, 112, *rev.*
- Hughes, R.**, An improved freezing microtome, 10, 615–16
- Hughes, T.**, The nature and distribution of the aorticopulmonary glomus tissue in the cat, 99, 199–200, *P.*
‘The aorticopulmonary portal system’—a new concept, 99, 200–1, *P.*
Studies of the aorticopulmonary glomus tissue, 99, 215, *P. (dem.)*
A comparative study of the vasculature of the tracheal mucosa, 99, 215, *P. (dem.)*
Venous chemoreceptors of the autonomic nervous system, 99, 422–3, *P.*
The relationship of glomus tissue to the peripheral autonomic nervous system, 99, 426, *P. (dem.)*
The microcirculation of baroreceptor areas, 99, 920, *P.*
see also Murphy, M.
- Huguenin**, Double hare-lip and other anomalies, 44, 101, *rep.*
- Huizinga**, on reaction to electrical stimulation of anterior columns of spinal cord, 5, 210, *rep.*
on new experiments on abiogenesis, 7, 358, *rep.*
- Huizinga, D.**, on abiogenesis, 9, 248, *rep.*
on innervation of vessels of web of frog's foot, 10, 626–8, *rep.*
- Hulke, J. W.**, On the retina of amphibia and reptiles, 1, 94–106
on the anatomy of the fovea centralis of the human retina, 1, 149–50, *rep.*
Notes on the anatomy of the retina of the common porpoise (*Phocoena communis*) 2, 19–25
on blood vessels of the retina, 3, 199–200, *rep.*
Note on the fine anatomy of the skin of lizards, 3, 417–19
on the minute anatomy of the eyeball, 4, 160, *rep.*
- Hülßen**, on the specific gravity, elasticity and hardness of bone, 33, 500 (*ref. only*)
- Hultkrantz**, on congenital defect of the clavicle, 33, 500 (*ref. only*)
- Hultkrantz, J. W.**, Absence of acromial end of clavicle, 4 cases, familial, 34, 422, *rep.*
Brain preparations, by means of defibrillation or blunt dissection, trans. by H. J. Wilkinson, 1935. 70, 586, *rev.*
- Humphreys, J.** *see* Windle, B. C. A.
- Humphry, G. M.** (later Sir George), Address in Physiology (British Association, Nottingham), 1, 1–14
- The *venae innominae* entering the right auricle separately, and each joined by a *vena azygos*, 1, 186–7
- On the anatomy of the human foot. Reply to Professor H. Hancock, 1, 187–8
- On some points in the anatomy of the chimpanzee, 1, 254–68
- On the skeleton of a rickety dwarf, 2, 42–6
- On the myology of *Oryzotopus capensis* and *Phoca communis*, 2, 290–322
- Torsion of arteries, 3, 13
- The valve of the foramen ovale, 3, 80

Author Index

- Humphry, G. M.** (later **Sir George**), The dissection of a case of ectopia vesicae, 3, 81-7
 note on ossification of metacarpal and metatarsal bones, 3, 143-5
 On the disposition and homologies of the extensor and flexor muscles of the leg and forearm, 3, 320-34
 The myology of the limbs of pteropus, 3, 294-319
 The myology of the unau, the ai, the two-toed anteater and the pangolin, 4, 17-78
 Asymmetry of the two halves of the body, 4, 226-9
 On the homological relations to one another of the mesial and lateral fins of osseous fishes, 5, 59-66
 A comparison of the shoulder bones and muscles with the pelvic bones and muscles, 5, 67-88
 The muscles and nerves of the *Cryptobranchus japonicus*, 6, 1-61
 The muscles of *Lepidosiren annectens*, with the cranial nerves, 6, 253-70
 The muscles of the smooth dog-fish (*Mustelus levis*), 6, 271-8
 The muscles of *Ceratodus*, 6, 279-87
 Notes on the muscles of the glass-snake, *Pseudopus Pallasii*, 6, 287-92
 On the disposition of muscles in vertebrate animals, 6, 293-376
Observations in myology, 1872. 7, 166, *rev.*; 7, 334, *rep.* on action of intercostal muscles, 7, 348, *rep.*
 The varieties in the muscles of man, 7, 360-8, *abs.*
 Depressions in the parietal bones of an orang and in man—supernumerary molars in orang, 8, 136-41
 On the comparison of the fore and hind limbs in vertebrates, 10, 659-71
 On the growth of jaws, 12, 288-93
 The growth of bone from the articular cartilages, 13, 86-90
 Repair of wounds and fractures in aged, 19, 115-18
 The anatomy of spina bifida, 19, 500-8
 Six specimens of spina bifida with bony projections from the bodies of the vertebrae in to the vertebral canal, 20, 585-92
Old age and changes incidental to it, 1885. 20, 191, *rev.*
 On flat-foot and the construction of the plantar arch, 21, 155-62, *anat. not.*
 ankylosis of sacro-iliac joint in young woman, 21, 165-6, *anat. not.*
 note on case of Naegele pelvis, 21, 165-6, *anat. not.*
 Dislocation of the hip, 21, 331, *anat. not.*
 Remarks of the conditions, habits, family history, etc., of centenarians, 21, 496-504
 The angle of the neck with the shaft of the femur at different periods of life and under different circumstances, 32, 273-82; 23, 387-9; 23, viii, *P.*
 Loose bodies in joints, 23, 493-504
 The pathology of genu valgum, or knock-knee, 24, 593-7
 Senile hypertrophy and senile atrophy of the skull, 24, 598
 Note on the dissection of flat-foot, 25, 102-4
 Macroductyly, and some other forms of congenital overgrowth, and their relation to tumours, 26, 557-67
 On macroductyly, 27, 423, *rep.*
 Abnormal muscular contractions and their effects, 28, 453-64
 on flexion and extension of the ankle, 28, xv-xvi, *P.*
 Note on the microcephalic or idiot skull, and on the macrocephalic or hydrocephalic skull, 29, 304-28; 29, x, *P.*
 Urinary calculi: their formation and structure, 30, 296-311
Humphry, L., Accessory lobe to the left lung, 19, 345-6
Huntmüller, on abnormalities of ribs, 2, 176, *rep.*
Hunter, Some facts involved in the development of the ascending colon, 63, 154, *P.*
Hunter, J. I., A case of early human ovarian pregnancy, 56, 57-76
 An early human ovarian pregnancy, 59, 26, *S.P.*
 Oculomotor nucleus of *Tarsius spectrum* and *Nycticebus tardigradus*, 59, 26-7, *S.P.*
 Experimental observations upon the relative importance of the nervous and vascular injuries in complete lesions of the spinal cord, 59, 48-9, *S.P.*
see also Burkitt, A. St N.
 Smith, G. Elliot
Hunter, R. H., An abnormal atlas, 58, 140-1
 Some factors involved in the descent of the testis, 59, 87-9, *S.P.*
 Preparations of epiphyses, 59, 89, *S.P.*
 A contribution to the development of the duodenum, 61, 206-12; Note by J. E. Frazer, 61, 356-9
 Two cases of congenital diaphragmatic hernia, 61, 487-8, *P.*
 A note on the development of the ascending colon, 62, 297-300
 The development of the human vagina, 65, 163-4, *P.*
 The foetal cervix uteri, 65, 164, *P.*
 Abdominal pregnancy in a cat, 66, 261-3
 Extrauterine pregnancy in a cat, 66, 142, *P.*
 A short history of anatomy, 2nd ed. 1931. 66, 279, *rev.*
 Ganglionic tissue between longitudinal and circular muscles of the bowel, 67, 210, *P. (dem. & disc.)*
 The ileum at the ileo-caecal junction, 68, 141-2, *P.*
 The ileo-caecal junction, 68, 264-69
 Extroversion of the cerebral hemispheres in a human embryo, 69, 82-5; 69, 142, *P.*
 Notes on the development of the prepuce, 70, 68-75; 70, 201, *P. (t.o.)*
 Recent histological methods, 20, 307-16
Hunter, W., Intra-peritoneal blood-transfusion, and the fate of absorbed blood, 21, 138-52; 21, 264-88; 21, 450-72
 A modification of the chrome silver method for nerve cells, 32, 109-18
James Douglas of the pouch and his pupil William Hunter (Thomas) 1964. 99, 404, *rev.*
Huntington, on eparterial bronchial system, 33, 502, *anat. not.*
 The shapes of the foetal lungs, 33, 503, *anat. not.*
 on the Ansa infrahyoidea, 33, 505, *abs.*
Huntington, G. S., Morphology and phylogeny of the vertebrate ileo-colic junction; Visceral and vascular variations in human anatomy; The sternalis muscle; The genito-urinary system of the American pit-viper; Contribution to the anatomy of the reptilian vascular system; Cerebral fissures and visceral anatomy of the Eskimo from Smith's sound, 33, ix (*t.o.*)
 The derivation and significance of certain supernumerary muscles of the pectoral region, 39, 1-54
Huppert, history of uramid acid, 8, 410, *rep.*
— & Riesell, on excretion of nitrogen in fever, 4, 181, *rep.*
Hurd-Mead, Kate C., *A history of women in medicine*, 1938. 73, 347-8, *rev.*
Hurley, L. E. & Coates, A. E., A case of right-sided aortic arch and persistent left superior vena cava, 61, 333-9
Hurrell, D. J., The vascularization of cartilage, 69, 47-61; 67, 211, *P. (dem.)*; 69, 145, *P. (t.o.)*
 The nerve supply of bone, 72, 54-61; 72, 144, *P.*
Hurry Fenwick, E., *see* Fenwick, E. Hurry
Hurst, C. H., *see* Marshall, A. M.

- Hurst, E. W., Note on the lachrymal gland of the hedgehog, 55, 49-55
- Hutchison, J. & Wyburn, G. M., Regenerated sensory pattern in grafted skin, 84, 67, *P.*
- Hutchison, R. & Macleod, J. J. R., A contribution to our knowledge of the chemistry of red bone marrow, 36, 292-5
- Hüter, on circulation and its disturbances in frog's lung, 8, 188, *rep.*
- Hüter, C., on histology of the articular surfaces and capsules, 1, 151, *rep.*
on the action of muscles passing over two or more joints, 3, 448-9, *rep.*
- Hutter, Laryngeal abnormality in year-old child, 44, 100, *rep.*
- Hutton, W. K., Remarks on the innervation of the dorsum manus, with special reference to certain rare abnormalities, 40, 326-31
An anomalous coronary sinus, 49, 407-13
- Huxley, H. E., Sectioning and staining for the electron microscope, 93, 577, *P.*
- Huxley, J. S., *Problems of relative growth*, 1932. 67, 484-5, *rev.*
— & De Beer, G. R., *The elements of experimental embryology*, 1934. 69, 127, *rev.*
— & Tazelaar, M. A., specimens showing modifications of development produced by temperature gradients in frog and chick embryos, and the apparatus employed, 61, 517, *P.*
see also Murray, P. D. F.
- Huxley, Thomas H., On two widely contrasted forms of the human cranium, 1, 60-77
on the cranial classification of birds, 1, 369-71, *abs.*
On the form of the cranium among the Patagonians and Fuegians, with some remarks upon American crania in general, 2, 253-71
On the classification of birds, 2, 390, *abs.*
on the bones of *Archaeopteryx Lithographica*, 2, 402, *rep.*
Review of Hunterian lectures on Invertebrata, 2, 439-41
on animals intermediate between birds and reptiles, 3, 206, *rep.*
on homologies of the incus and malleus, 3, 482
on ossicles of ears, 4, 309, *rep.*
on *Dinosauria*, 4, 309, *rep.*
on skull and heart of *Menobranchius lateralis*, 9, 406, *rep.*
On the nature of the craniofacial apparatus of *Petromyzon*, 10, 412-29
A manual of the anatomy of invertebrate animals, 1877. 12, 367, *rev.*
On the relations of arthropods and vertebrates, 35, 125, *abs.*, *anat. not.*
- Hyett, A. R., *see* Harrison, R. J.
- Hyman, Libbie H., *A laboratory manual for comparative vertebrate anatomy*, c. 1922. 57, 96, *rev.*
- Hyrsl, J., on pelvis of the kidney in man and other mammals, 7, 171, *rep.*
on duplicity of the curved line on the parietal bone, and para-sagittal suture in foetal parietal bone, 7, 326, *rep.*
on cranial arteries and vascular arches in sharks, 7, 338, *rep.*
- Hyslop, Daphne B., *see* Hancox, N. H.
- I-Chuan, Wen, *see* Jones F. Wood
- Iggo, A. & Muir, A. R., A cutaneous sense organ in the hairy skin of cats, 97, 151, *P.*
- Illisson, L., Genetics of spermatozoan head shape in the mouse, 99, 950-1, *P.A.S.A.N.Z.*
The fine structure of the mature spermatozoan head and neck of the mouse, 100, 949, *P.A.S.A.N.Z.*
- Imhofer, on the pinna in the feeble-minded, 43, 119, *rep.*
- Immerman, F., On double-yolked eggs, 34, 413-14, *rep.*
- Imus, H. A., *see* Birren, J. E. & Windle, W. F.
- Ince, J. G. Hastings, *see* Young, M.
- Indarjit, Observations on the development of the muscularis mucosae in the human gastrointestinal tract, 85, 434, *P.*
- Inglis, K., The so-called interscapular gland and tumours arising therein, 61, 452-66
- Ingram Spence, *see* Spence
- Ingram, D. L., Mandl, A. & Zuckerman, S., The decline of litter size with age, 91, 600, *P.*
- Inke, G., *Präparation des Gehirns*, 1961. 96, 133, *rev.*
- Inkster, R. G., Appointed to Chair of Anatomy, University of Manitoba, 66, 125
Inversion and eversion of the foot and transverse tarsal joint, 72, 612-13, *P.*
- Inman, O. R., *see* Smythies, J. R.
- Inman, V. T. & Saunders, J. B. de C. M., The ossification of the human frontal bone, with special reference to its presumed pre- and post-frontal elements, 71, 383-94
- International Anatomical Nomenclature Committee New York, *Nomina anatomica*, 2nd ed. 1961. 96, 320, *rev.*
- International Committee for Investigation of soft parts of primitive races, *see* Comité International des Recherches des Parties Molles (parties non osseuse)
- Ireland, W. W., on brain and skull in microcephalic idiocy, 10, 444-5, *rep.*
- Irminger & Frey, on the arrangement of the finest bile-ducts in the lobules of the liver, 1, 146-7, *rep.*
- Irvine, G., Lever, J. D. & Ahmed, M., Muscle surface specializations and neuromuscular relationship in coronary and splanchnic arterioles, 99, 409, *P.*
see also Findlay, J. A., *et. al.*
Lever, J. D. & Ahmed, M.
Lever, J. D., Graham, J. D. P. & Chick, Wendy J.
- Irving, M., *see* Brookes, M.
- Irving, M. H., The blood supply of the growth cartilage in young rats, 98, 631-9
- Isbister, J., *see* Darian-Smith, I. & Mok, H.
- Issidorides, Marietta & Shanklin, W. M., Histochemical reactions of cellular inclusions in the human neurone, 95, 151-9
see also Mytilineou, Catherine & Shanklin, W. M.
Shanklin, W. M.
- Istornin, V., on decomposition of urea in blood, 11, 555, *rep.*
- Itzig, S., on partial hypertrophy of face and left upper limb, 28, 375, *rep.*
- Ivemark, B. I., Histochemical studies on the human foetal kidney (metanephros). Non-specific phosphate-splitting enzymes, 92, 98-109
- Iwai, T., on polymastia in the Japanese, 43, 120, *rep.*
- Iwanoff, D., on ciliary muscle of eye-ball in myopia and hypermetropia, 4, 305, *rep.*
- Iyer, A. A., Some anomalies of origin of the vertebral artery, 62, 121-2
- Jablonski, W. & Meyer, H., The occurrence of wandering cells in cultures of nervous tissue *in vitro*, and the changes in their form in various media, 73, 130-4
see also Meyer, H.
- Jaboulay, on absence of continuity between large and small intestine, 26, 437, *rep.*
on malrotation of large intestine, 2 cases, 27, 421, *rep.*

Author Index

- Jaccard, P., On monsters, 34, 413, *rep.*
- Jack, W. R., On the analysis of voluntary muscular movements by certain new instruments, 29, 473-8
- Jackson, C. M., An unusual duodenal diverticulum, 42, 219-20
- Jackson, Hughlings, on the seat of the faculty of language in the brain: with bibliography, 3, 208, *rep.*
on the anatomical and physiological localisation of movements in the brain, 7, 340, *rep.*
- Jackson, J. H., *see* Amoroso, E. C. & Griffiths, W. F. B.
- Jackson, J. Wilfrid, Dental mutilations on Neolithic human remains, 49, 72-9
- Jackson, L. H., The preputial glands of British Muridae, 72, 458-61
- Jackson, W. H. & Clarke, W. B., The brain and cranial nerves of *Echinorhinus spinosus*, with notes on the other viscera, 10, 75-107
- Jackson Burrows, H., *see* Burrows, H. Jackson
- Jackson Clarke, J., *see* Clarke, J. Jackson
- Jacob, Marny A. Lloyd-, *see* Lloyd-Jacob, Marny A.
- Jacob & Fulton, Keratosis plantaris et palmaris in five generations, 40, 295, *rep.*
- Jacobi, on pulsatory phenomena within the eyeball, 9, 414, *rep.*
- Jacobs, P., Unusual case of hernia, 69, 136, P.
- Jacobson, on doubling of spinal cord, 26, 432, *rep.*
— & Bernhardt, on the temperature of blood in heart, 3, 460, *rep.*
— — & Leyden, on production of fever, 5, 410, *rep.*
— & Landré, On the self-regulation of animal heat, 1, 366, *abs.*
— & Leyden, on fever, 5, 218, *rep.*
see also Kiewiez, Adam
- Jacobson, H. G., *see* Zaino, C., Poppel, M. H. & Lepow, H.
- Jacobson, L., on the effect of cutaneous stimulation on body temperature, 11, 570, *rep.*
Ouvrages sur l'organe voméro-nasal, 1950. 84, 324, *rev.*
- Jacobson, W., The early development of the chick embryo, 70, 193, P. (*t.o.*)
- Jacoby, F., Cell proliferation in the gall bladder of the guinea-pig after ligation of the common bile duct, 88, 579, P.
Experiments on the interrelationship of macrophages and fibroblasts, 91, 586-7, P.
Studies on guinea-pig peritoneal exudate cells *in vitro*, 91, 613, P.
Observations on the post-natal development of the mouse submaxillary gland, 93, 579, P.
— & Leeson, C. R., The post-natal development of the rat submaxillary gland, 93, 201-16
— & Martin, B. F., The relationship of bile alkaline phosphatase to histochemically detectable alkaline phosphatase in the biliary tract; including reference to the histology of the gall bladder epithelium, 85, 391-400
Histo- and biochemical studies of alkaline phosphatase in guinea-pigs with experimentally produced obstructive jaundice, 89, 440-9
see also Devi, N. S.
Leeson, C. R.
Martin, B. F.
Smout, C. F. V.
- Jacques, Uterus masculinus, 30, 461-2, *rep.*
- Jacques, *et al.*, on Siamese xiphopagous twins, 28, 373, *rep.*
- Jacobasch, H., on urine in leukaemia, 3, 241, *rep.*
- Jaensch, R., on pregnancy in bicornuate uterus, 8, 171, *rep.*
- Jaffe, on the occurrence of glycogen in the organs of diabetic patients, 1, 162, *rep.*
on urinary pigments, 5, 226, *rep.*
on source of indican, 6, 466-7, *rep.*
on the physiological action of sulphate of diazobenzol, 9, 221, *rep.*
On the excretion of indican under physiological and pathological conditions, 13, 248, *abs.*
- Jaffé, Max., on bile and urinary pigments, 3, 238, *rep.*
on urinary pigments, 3, 239, *rep.*
- Jaffray, F., *see* Latham, A.
- Jager, K. W. & Moll, J., The development of the human triceps surae, 85, 338-49
- Jago, on functions of the tympanum, 4, 326, *rep.*
- Jago, J., The Eustachian tube, when and how is it opened, 3, 341-8
on visible direction, 8, 187, *rep.*
- Jakobsson on the glandula coccygea, 33, 682 (*ref. only*)
- Jakowicki, A., on effect of blood transfusion, 10, 211-12, *rep.*
- James, A., Notes on the tenacity of tissue, 13, 157-61
- James, D. L., *see* Craven, J. L.
- James, D. W., Investigation of a connective tissue constituent in scabs, 89, 575, P.
Intussusceptive growth of skin islands within wounds, 93, 101-9
— & Newcombe, J. F., Granulation tissue resorption during free and limited contraction of skin wounds, 95, 247-55
see also Abercrombie, M. & Newcombe, J. F.,
Charlton, C. A. C., Higton, D. I. R., Nicol, A. R. & Stewart, J. O.
Devis, Rosemary
Higton, D. I. R.
- James, T., Aplasia of the male prepuce with evidence of hereditary transmission, 85, 370-2
- James, W. Warwick, The relationship of odontoblasts to tooth dentine, 88, 548, P.
The blood capillary system of the odontoblast layer of the dental pulp, 89, 547-9
The jaws and teeth of primates, 1960. 95, 146, *rev.*
- Jamieson, E. B., A description of some anomalies in nerves arising from the lumbar plexus of a foetus, and of bilaminar musculus pectineus found in the same foetus; with a study of the variations and relation to nerve supply in man and some other mammals, 37, 266-86
Demonstrations of various tracts and fibres and masses of grey matter of the brain, 40, iii-iv, P.
The means of displaying, by ordinary dissection, the larger tracts of white matter of the brain in their continuity, 43, 225-34
The arrangement of the fibres of the middle cerebellar peduncle, as shown by dissection, 44, 234-40
The Basle anatomical nomenclature, 1916. 51, 400, *rev.*
A companion to manuals of practical anatomy, 3rd ed. 1932. 67, 353, *rev.*
Illustrations of regional anatomy, in five sections, 1934. 69, 296, *rev.*; sections VI, VII, VIII, 1936. 71, 317, *rev.*; sections I-V, 1937. 72, 642, *rev.*; 7th ed. in VII parts, 1947. 81, 367, *rev.*
revisor, Dixon's *Manual of human osteology*, 2nd ed. 1937. 72, 641-2, *rev.*
see also Brash, J. C.
Robinson, A.
- Jamieson, J. K., Diverticulum of the pericardium, 36, xxvi, P.
Dissection to show the normal origin of the peroneus tertius, 36, xxiv, P.
Pseudo-Meckel's diverticulum, 36, xxiv, P.
Exhibition of brain dissections, 36, xxiv-xxv, P.
Exhibition of series of thyroid glands, 36, xxv, P.

- Jamieson, J.K. & Dobson, T.F., Demonstration of lymphatic vessels and glands injected according to the method of Gerota, 43, ii, P. (July 1907) (*t.o.*)
On the injection of lymphatics by Prussian blue, 45, 7-10
- Jamroz, C., see Lucas, A. M.
- Janes, R. G., The concentration of radio-active alloxan in the tissues of the rat, 87, 448-9, P.
- Janicot, An instance of horseshoe kidney, 37, 308, *rep.*
- Janisch, on inorganic constituents of blood, 7, 346, *rep.*
- Jansen, Murk, On the length of muscle-fibres and its meaning in physiology and pathology, 47, 319-20
The causation of the condition known as achondroplasia, 47, 360-2
- Jarisch, A., on the ash of blood, 11, 555, *rep.*
- Jarrett, W. F. H., see Roberts, G. B. S.
- Jarricot, On hermaphroditism, 40, 294, *rep.*
- Jassinsky, P., on structure of placenta, 3, 203, *rep.*
- Javara, see Minovici
- Jay, B., see Henkind, P.
- Jayatilaka, A. D. P., Preliminary investigation of arachnoid granulations in sheep, 97, 474, P.
Cells of sheep arachnoid granulations, 98, 288, P.
Thorium dioxide injections into the subarachnoid space of sheep, 99, 193-4, P.
Arachnoid granulations in sheep, 99, 315-27
An electron microscopic study of sheep arachnoid granulations, 99, 635-49
- Jayle & Desfosses, A case of macropodia, 38, 372, *rep.*
- Jayne, H., *Mammalian anatomy. Part I. The skeleton of the cat compared with the skeleton of man*, 1898, 32, 798-9, *rev.*
- Jeacock, Marjorie, see Lever, J. D.
- Jeanbran, A case of congenital cyst of the neck, 36, 303, *rep.*
- Jeanbran, E. & Dauphin, A case of ectromelia, 36, 306, *rep.*
- Jeanne, see Tuffier
- Jeanne, A., A case of brachydactyly of the right index finger, 32, 793, *rep.*
- Jebens, E. Henrietta, A bony specimen of the artificially deformed foot of a Chinese woman, 71, 150, P.
- Jeficoate, T. N. A., see Harrison, R. G.
- Jefferson, A., Some observations on the innervation of the cat's hind-limb, 86, 493, P.
- Jefferson, Geoffrey, The morphology of the sulcus interparietalis (B.N.A.) 47, 365-80
The human stomach and the canalis gastricus (Lewis), 49, 165-81
The structure and function of the human stomach, 59, 41, S.P. (*t.o.*)
— & Stewart, D., Specimens of skulls illustrating the mode of termination of frontal diploic veins, 63, 176, P. (*t.o.*)
- Jefferson, J. M., A study of the subcortical connexions of the optic tract system of the ferret, with special reference to gonadal activation by retinal stimulations, 75, 106-34
- Jeffery, Models of lesser sac of the peritoneum, 69, 133, P.
- Jeffery, A. L. P., An unusual congenital deformity of the heart, 68, 134, P.
Mechanics of derangement of the knee-joint, 72, 140, P.
A note on the popliteus muscle, 72, 149, P. (*disc. only*)
- Jeffreys, R. V., Niven, P. A. R., Olson, I. A., Osmond, D. G., Tahsin, S. C. H., Turner, M. S. & Yoffey, J. M., The experimental production of bone marrow with greatly increased numbers of lymphocytes and transitional cells, 100, 423, P.
- Jehn, on pulmonary haemorrhages in the insane, 9, 232-3, *rep.*
- Jelenffy, on action of cricothyroideus, 7, 328, *rep.*
on fixation of the arytenoid cartilages during phonation, 7, 190, *rep.*
- Jenkins, G. J., Cranio-cerebral topography, 39, 462-70
The topographical anatomy of the brain, 39, xiii-xiv, P.
Pectoral and pelvic girdle of a 16-mm human embryo, 43, v, P. (November 1907) (*t.o.*)
— & Smith, S. Maynard, A description of the peritoneal cavity, founded on clinical and pathological investigations, 41, 131-6
see also Smith, S. Maynard
- Jenkinson, on the effect of certain salts, cane sugar, dextrose and urea upon the development of the frog's egg, 42, 132, *rep.*
- Jenkinson, D. M., Sengupta, B. P. & Blackburn, P. S., The distribution of nerves, monoamine oxidase and cholinesterase in the skin of cattle, 100, 593-613
- Jenkinson, J. W., The development of the ear-bones in the mouse, 45, 305-18
- Jensen, Julius, on an example of congenital abdominal hernia, 2, 402, *rep.*
- Jerusalimsky, N., on physiological action of quinine, 11, 571-2, *rep.*
- Jewell, P. A., The anastomoses between internal and external carotid circulations in the dog, 86, 83-94
see also Howe, A.
- Jewett, C., Report on a case of cleft sternum of Dr. E. A. Groux's, 14, 516-17
- Jha, B. D., see Gamble, H. J.
Goldby, F.
- Jhering, von, on the temporal ridge on side of skull, 10, 440, *rep.*
- Jhering, H. V., on development of the frontal bone, 8, 159, *rep.*
- Joachimstal, Chondrodystrophia foetalis, 1 case, 34, 412, *rep.*
A case of doubled index and a case of polydactyly, 36, 305-6, *rep.*
- Joachimstal, G., Abnormalities of the extremities, 31, 462-3, *rep.*
- Jochelsohn, on influence of artificial respiration upon poisoning with strychnia, 8, 409, *rep.*
- Joffroy, A., on tendon reflexes, 10, 631-3, *rep.*
- Johannessen, A., On chondrodystrophia foetalis, 1 case, 34, 412, *rep.*
- Johns, B. A. E., The development of the superficial and the deep glands of the oesophagus, 85, 416, P.
Developmental changes in the oesophageal epithelium in man, 86, 431-42
— & Johnson, F. R., Mesonephric derivatives in the human kidney, 86, 482, P.
- Johnson, An account of axial bifurcation in snakes, 37, 303, *rep.*
- Johnson, E. H., The narial margins in man, 71, 356-61
- Johnson, F. R., Gland-like structures in the renal pelvis and calyces of the human kidney, 85, 416, P.
The terminal collecting ducts of the kidney, 91, 578-9, P.
- & Kugler, J. H., Distribution of alkaline phosphatase in the mucosal cells of the small intestine of the cat, 86, 497, P.
The distribution of alkaline phosphatase in the mucosal cells of the small intestine of the rat, cat and dog, 87, 247-56
— & McMinn, R. M. H., The behaviour of implantation grafts of bladder mucosa, 89, 450-6; 89, 559, P.
Transitional epithelium and osteogenesis, 90, 106-16
Connective tissue formation and alkaline phosphatase, 91, 578-9, P.

Author Index

- Johnson, F. R. & McMinn, R. M. H.**, The association of alkaline phosphatase with fibrogenesis, 92, 544-50
- — **& Birchenough, R. F.**, Observations on the columnar cells of the extra-hepatic biliary tract, 96, 421, P.
- The ultrastructure of the gall-bladder epithelium of the dog, 96, 477-87
- **& Roberts, K. B.**, Microscopy of dividing cells derived from human small lymphocytes, 97, 618, P.
- The growth and division of human small lymphocytes in tissue culture: an electron microscopic study, 98, 303-11
- **& Whitting, H. W.**, The origin of mesothelial cells during the repair of peritoneum, 95, 608, P.
- **& Young, B. A.**, Freezing methods of fixation, 93, 577, P.
- see also Boyd, J. D. & Lever, J. D.
Johns, B. A. E.
McMinn, R. M. H.
Young, B. A.
- Johnson, G.**, on physical phenomena connected with circulation, respiration and nutrition, 10, 645, rep.
- Cesalpino and Harvey, (Harveian Oration), 17, 125-8
- Johnson, J. I.**, see Welker, W. I.
- Johnson, M. L.**, see Abercrombie, M.
- Johnson, R.**, A case of congenital cyst of base of tongue, 34, 417, rep.
- Johnson, Raymond**, An anomaly of the ureter in newborn, 35, xix, P.
- Johnston, H. B.**, see Wyburn, G. M. & Aitken, R. N. C.
- Johnston, H. M.**, Specimens of supernumerary carpal bones, 40, xvii, P. (t.o.)
- Epilunar and hypolunar ossicles, division of the scaphoid, and other abnormalities, 41, 59-65
- Varying positions of the carpal bones in the different movements at the wrist, part I, 41, 109-22, part II, 41, 280-92; 41, iv, (June 1906) (t.o.)
- Models of wrist joint, 41, viii, P. (January 1907)
- The cutaneous branches of the posterior primary divisions of the spinal nerves, and their distribution in the skin, 43, 80-92
- The course of the cutaneous branches of the posterior primary divisions of the spinal nerves, 43, ii, P. (July 1907) (t.o.)
- Specimen of fractured scaphoid of hand, 43, P. (January 1908) (t.o.)
- Johnston, H. S., Aitken, R. N. C. & Wyburn, G. M.**, The fine structure of the uterus of the domestic fowl, 97, 333-44
- see also Aitken, R. N. C.
Wyburn, G. M. & Aitken, R. N. C.
- Johnston, J. W. & Call, T. J.** editors, *Descriptive anatomy of the horse and domestic animals*, (Strangeways & Goodsir), 1870. 4, 293-4, rev.
- Johnston, T. B.**, Anomaly of the vena cava inferior: with a note on the relationships which help to determine the nature of anomalies of some of the abdominal systemic veins, 47, 235-45
- Extroversion of the bladder complicated by the presence of intestinal openings on the surface of the extroverted area, 48, 89-106
- A rare vascular anomaly—opening of the upper left pulmonary vein into a persistent left superior vena cava, 49, 182-6
- The ileo-caecal region of *Callicebus personatus*, with some observations on the morphology of the mammalian caecum, 54, 66-78
- The anatomy of a symelian monster, 54, 208-16
- Two cases of unusual cleft palate, 59, 15-16, S.P.
- Congenital abnormalities, 4 cases, 3 cardiac, 59, 89, S.P.
- Anatomical nomenclature, 63, 159, P.; 63, 167, P.
- Demonstrations: Cast of roof of mouth, showing a median cleft involving the upper lip and premaxilla; Specimens showing transposition of the large vessels of the heart, 63, 159, P. (t.o.)
- A synopsis of regional anatomy, 2nd ed. 1928. 63, 391-2, rev.; 3rd ed. 1934. 69, 295, rev.; 4th ed. 1939. 74, 144, rev.
- Partial duplication of the notochord in a human embryo of 11 mm. greatest length, 66, 48-9
- A specimen of partial duplicity of the notochord in an 11 mm. human embryo, 66, 135, P.
- A note on the development of the septum secundum of Born, 66, 135-6, P.
- editor, *Gray's Anatomy, descriptive and applied*, 25th ed. 1932. 67, 486, rev.; 26th ed. 1935. 70, 322, rev.; 29th ed. 1946. 81, 121, rev.; Johnston, T. B., Davies, D. V. & Davies, F. editors, *Gray's Anatomy. Descriptive and applied*, 32nd ed. 1958. 93, 268, rev.
- A note on the peduncle of the flocculus and the posterior medullary velum, 68, 471-9
- Inferior medullary velum and peduncle of the flocculus, 69, 133, P. (disc. only)
- Plea for the use of the scapula plane as the reference plane for movements at the shoulder joint, 72, 173-4, P.
- A human embryo with early development of primitive streak, 72, 148-9, P. (disc. only)
- An early human embryo with 0.55 mm. long embryonic shield, 75, 1-49, (embryo H.R. 1.)
- The chorion and endometrium of the embryo H.R.1, 75, 153-63
- see also Beesly, L.
- Johnstone, A. S.**, A radiological study of deglutition, 77, 97-100
- Jolly, on polydactyly and malformation of arm**, 26, 440, rep.
- see also Paquelin, J.
Riegel
- Jolly, F.**, on congenital defect of corpus callosum, 4, 159, rep.
- Jolly, J.**, Congenital absence of kidney, 31, 460, rep.
- Jolly, M.**, Palatal mucosa of the white rat, 99, 945-6, P.A.S.A.N.Z.
- Joly, N.**, The placenta in the sloth, 14, 147-8, anat. not.
- Jolyet, on the effect of sulphate of quinia on the frog**, 2, 185, rep.
- on the nerves which preside over the movements of the oesophagus, 2, 192, rep.
- **& Blanche**, on effects of nitrous oxide on plants and animals, 8, 220, rep.
- on action of protoxide of nitrogen on germination and respiration; on the properties of chlorophyll, 8, 409, rep.
- see also Bert
- Jolyet, F. & Cahours, A.**, on substitution compounds of aniline, 3, 228, rep.
- on actions of potassium, sodium and magnesium sulphate, 3, 473, rep.
- on actions of iodides of methyl and ethyl strychnium, 3, 479, rep.
- see also Péliissard, L. Joylet, F. & Cahours, A.
- Jonata, R.**, *Anatomia dello Scheletro umano fetale*, 1938. 73, 502, rev.
- Joncours, on Stenson's duct**, Thesis, Bordeaux, 1898. 33, 684 (t.o.)
- Jones, on a gynandroid monster of the seventh month**, 40, 294, rep.
- Uterine abnormality, 40, 300, rep.
- Jones, C. H.**, on effects of exercise on the temperature and circulation, 8, 427, rep.

- Jones, C. Handfield, Remarks on the mechanism of the secretion of sweat, 15, 238-43
 Note concerning the endothelium of the small cerebral arteries, 21, 672-3
 Notes of a cardiac neurotic, 23, 583-6
 Jones, E. G., Some unusual muscular anomalies explained embryologically 99, 949, *P.A.S.A.N.Z.*
 The innervation of muscle spindles in the Australian opossum, *Trichosurus vulpecula*, with special reference to the motor nerve endings, 100, 733
 Jones, Evelyn & Benians, J. C., on a case of congenital absence of a portion of the costal skeleton, 44, ii, *P. (t.o.)*
 Jones, E. W. A. Hughes, Studies in achondroplasia. I. Dystrophia hormathica, an unrecorded form of defective ossification akin to achondroplasia, 66, 565-77
 Jones, F. Wood, Note on an outgrowth of a lymphoid nature from the junction of the large and small intestine of a frog (*Rana temporaria*), 34, xlv-xlvi, *P. (May 1900)*
 The musculature of the bladder and urethra, 36, li-lvi, *P.*
 Sections of an early embryo, 37, lxxviii-lxx, *P.*
 Specimens from the Egyptian Government Survey of Nubia, 43, ii, *P. (June 1908) (t.o.)*
 Reconstruction models of anterior and posterior ends of human embryos of twelve somites and vagina and Wolffian ducts of a foetal bat, 43, v, *P. (November 1907) (dem.)*
 On the relation of the limb plexuses to the ribs and vertebral column, 44, 377-93
 Variations of the first rib, associated with changes in the constitution of the brachial plexus, 45, 249-55
 Some markings on the cervical vertebrae, 46, 41-4
 Extroversion of the bladder and some problems in connection with it, 46, 193-210
 On the grooves upon the ossa parietalia commonly said to be caused by the arteria meninge media, 46, 228-38
 Some nerve markings on lumbar vertebrae, 47, 118-20, *anat. not.*
 The function of the coelom and the diaphragm, 47, 282-318
 Some points in the nomenclature of the external genitalia of the female, 48, 73-80
 The lower ends of the Wolffian ducts in a female pig embryo, 48, 268-73
 The Chelonian type of genitalia, 49, 393-406
 The homologies of the Chelonian and mammalian types of genitalia, 50, 1-23
 Description of basal type of the genitalia as it existed in the Chelonian reptiles, 50, 5-6, *P. (January 1915)*
 The genitalia of *Galeopithecus*, 50, 189-203; 50, 19-20, *P. (June 1915)*
 The genitalia of the cheiroptera, 51, 36-60; 51, 7, *P. (June 1916)*
 The genitalia of tupaia, 51, 118-26; 51, 7, *P. (June 1916)*
 The sublingua and the plica fimbriata, 52, 345-353
 Voluntary muscular movements in cases of nerve lesions, 54, 41-57
 The principles of anatomy as seen in the hand, 1920. 55, 78, *rev.*; 2nd ed. 1941. 76, 407-8, *rev.*
 The mammals of South Australia, part I. The monotremes and the carnivorous marsupials, 1923. 58, 384, *rev.*
 On the causation of certain hair tracts, 59, 72-9
 The hair slope in the frontal region of man, 59, 80-2
 The Tasmanian skull, 63, 224-32
 The Australian skull, 63, 350-55
 The distinctions of the human hallux, 63, 408-11
 Man's place among the mammals, 1929, 64, 531-4, *rev.*
 The non-metrical morphological characters of the skull as criteria for racial diagnosis. Part I. General discussion of the morphological characters employed in racial diagnosis, 65, 179-95; Part II. The non-metrical morphological characters of the Hawaiian skull, 65, 368-78; Part III. The non-metrical morphological characters of the skulls of prehistoric inhabitants of Guam, 65, 438-45; Part IV. The non-metrical morphological characters of the Northern Chinese skull, 68, 96-108
 Appointed to Chair of Anatomy, University of Melbourne, 65, 401
 The external characters of an Australian foetus, 67, 549-54
 Contrasting types of Australian skulls, 68, 323-30
 The dorsal hair tracts of the Australian aborigine, 69, 91-2
 Skulls from the Purari Plateau, New Guinea, 70, 405-9
 The external characters of a second Australian foetus, 72, 301-4
 The cervical vertebrae of the Australian native, 72, 411-15
 The fate of the human premaxilla, 72, 462
 Air sinuses in the face in the gorilla, 72, 623, *P.*
 The so-called maxillary antrum of the gorilla, 73, 116-19
 The anterior superior alveolar nerve and vessels, 73, 583-91; 73, 667, *P. (t.o.)*
 The nature of the soft palate, 74, 147-70
 Tension lines, cleavage lines and hair tracts in man, 76, 248-50
 The mammalian mandible, 86, 489, *P.*
Trends of life, 1953. 87, 434, *rev.*
 — & I-Chuan, Wen, The development of the external ear, 68, 525-33
 — & Lambert, V. F., The occurrence of the lemurine form of the ectotympanic in a primitive marsupial, 74, 72-9; 73, 667, *P. (disc. only)*
 — & Porteous, S. D., *The matrix of the mind*, 1928. 63, 283-4, *rev.*
 see also Keith, Arthur
 Rickards, Esther
 Wunderly, J.
 Jones, H. E., see Benians, T. H. C.
 Jones, H. Wallace & Roberts, R. E., A rare type of congenital club hand, 60, 146-7
 Jones, L., see Shore, T.
 Jones, R. O. & Braithwaite, J. L., Splenic regeneration in the experimental animal, 99, 408, *P.*
 see also Braithwaite, J. L. & Adams, D. J.
 Jones, T. S., see Kampmeier, O. F. & Cooper, A. R.
 Jones, Tudor, Intra-muscular nerve elements of the ventricular muscle, 61, 247-60
 The sub-diaphragmatic connections of the phrenic nerve, 68, 148-9, *P.*
 A note on the evidence concerning the minute structure of striped muscle, 63, 168-70, *P.*
 The conducting mechanism in the heart of *Lepidosiren paradoxa*, 67, 197-8, *P.*
 The cardiac conducting mechanism in a human embryo (24 mm.), 67, 203, *P.*
 Jones, T. Wharton, on the caudal heart of the eel, 2, 405, *rep.*
 on propulsion of lymph from lymphatic hearts, 3, 201-2, *rep.*
 on local action of physostigma on pupil and extrinsic muscle of eye, and action of atropia, 4, 167-8, *rep.*

Author Index

- Jones, W. Hedley & Thomas, D. Brynmor**, Changes in the dendritic organisation of neurons in the cerebral cortex following the deafferentation, 96, 375-81
- Joplin, G. F.**, *see* Pearson, O. H. & Joplin, G. F.
- Joseph**, on influence of trophic nerves on nutrition, 6, 474, *rep.*
The histological localisation of certain medicaments by their fluorescence in ultra-para violet light, 61, 512, P.
- Joseph, H.**, on corpuscles and nerves of compact bone, 4, 300, *rep.*
- Joseph, J.**, Absence of cell multiplication during degeneration of non-myelinated nerves, 81, 135-9; 81, 375-6, P.
Changes in nuclear population following twenty-one days' degeneration in a nerve consisting of small myelinated fibres, 82, 146-52
Quantitative nuclear changes in the peripheral stump of the greater splanchnic nerve of the rabbit, 83, 55-6, P.
Further studies of the metacarpo-phalangeal and inter-phalangeal joints of the thumb, 85, 221-9
The sesamoid bones of the hand and the time of fusion of the epiphyses of the thumb, 85, 230-41
Sesamoid bones of the hand, 85, 413-14, P.
Nuclear population changes in the degenerating posterior columns of the rabbit's spinal cord, 87, 443, P.
Electromyography of postural muscles—leg and thigh, 87, 460, P.
Range of movement of the big toe, 88, 558, P.
Electromyographic records and their interpretation, 89, 559-60, P.
Autografts of ileum to ear in the rabbit, 92, 669, P.
Autografts of lining of urinary bladder to ear in rabbit, 93, 563-4, P.
Man's posture: electromyographic studies, 1960. 95, 445-6, *rev.*
The analysing projector in investigating movements, 96, 413, P.
- & **Battye, C. K.**, A telemetering electromyograph for investigating muscles in walking, 95, 607, P.
- & **Dyson, Mary**, Tissue replacement in the rabbit's ear, 100, 421-2, P.
- & **McColl, I.**, Electromyography of posterior vertebral muscles, 94, 285, P.
- & **Nightingale, A.**, Electromyography of muscles of posture, 86, 484, P.
- & **Williams, P. L.**, A detailed study of the electric potentials from relaxed muscle and certain postural muscles of the leg and thigh, 88, 583-4, P.
- & **Thomas, G. A.**, The behaviour of autografts of ileum transplanted into the urinary bladder in rabbits, 92, 551-58; 91, 581, P.; 91, 615, P.
- & **Tynen, J.**, The reaction of the ear cartilage of the rabbit and guinea-pig to trauma, 95, 564-68
- & **Townsend, Jane**, Quantitative studies of the healing of immobile skin, 94, 454, P.
The contribution of migratory epithelium to the healing of trunk wounds in the rabbit, 95, 283, P.
The contribution of migratory epithelium and the relation of wound enlargement to healing, 95, 403-10
A study of autografts of bladder into ileum in the rabbit, 97, 156, P.
- & **Wendell-Smith, C. P.**, Nuclear population changes in degenerating non-myelinated nerves, 93, 460-4
- & **Williams, P.**, Electromyography of certain hip muscles, 91, 286-94
- see also* Aitken, J. T., Causey, G. & Young, J. Z.
Battye, C. K.
Ellis, F. G.
Harris, H.
- Joseph, S.**, *see* Barer, R.
Barer, R. & Meek, G. E.
- Joubert**, *see* Pasteur & Chamberlaud
- Jouin**, on pseudo and true hermaphroditism, 26, 435-6, *rep.*
- Jourdain**, on effect of chloroform on stamens of *Mahonia*, 5, 203, *rep.*
- Jousset**, on effects of venom of scorpion (*Scorpio occitanus*) 5, 395, *rep.*
on actions of scorpion venom, 6, 501, *rep.*
- Jowsey, Jennifer**, Studies of Haversian systems in man and some animals, 100, 857
- Joyce, R. D.**, The topography of the facial nerve in the relation to mastoid operations, 34, 248-55
- Jüdel, G.**, on blood analysis, 4, 178, *rep.*
- Judson Herrick, C.**, *see* Herrick, C. Judson
- Jukes**, on structure of peptic glands, 7, 351, *rep.*
- Junghanns, H.**, *see* Schmorl, G.
- Junqueira, L. C. U.**, Alkaline and acid phosphatase distribution in normal and regenerating tadpole tails, 84, 369-73
- Jurasz**, on influence of bile and bile-acids on blood corpuscles, 6, 457, *rep.*
- Jürgensen**, on the temperature in health, 8, 430, *rep.*
- Juvara**, on the posterior annular ligament of the wrist and the synovial sheaths under it, 33, 681 (*ref. only*)
- Juventin**, on urea in vomit, 9, 241, *rep.*
- Kacker, G. N.**, *see* Goldby, F.
- Kadanoff, D. & Gürowski, A.**, *Morphologie der Rezeptoren des Atmungs- und Verdauungssystems beim Menschen*, 1963. 98, 279, *rev.*
- Kadyi, H.**, *Über die Blutgefäße des menschlichen Rückenmarkes*, 1889. 24, 611, *rev.*
- Kaestner**, Some specimens and photographs of malformed embryo chick, 31, xxxiv, P. (*t.o.*)
on malformed chick embryos, 32, iii, P.
on omphalocephaly in bird embryos, 42, 134, *rep.*
on omphalocephaly, 43, 116, *rep.*
- Kaestner, S.**, Experiments on eggs, 31, 454-5, *rep.*
Double monstrosities, 36, 300, *rep.*
- Källén, B.**, Cell degeneration during normal ontogenesis of the rabbit brain, 89, 153-61
- Kallius**, on the development of the human larynx, 33, 354 (*ref. only*)
- Kallius, E.**, *see* Bolk, L., Göppert, E. & Lubosch, W.
Göppert, E. & Bolk, L.
- Kammälans**, *Anthropology of the Todas and Kotas of the Nilgiri Hills and of Brahmans, Kammälans, Pallis and Pariahs of Madras City (Thurston)* 1896. 30, 584-5, *rev.*
- Kampmeier, O. F., Cooper, A. R. & Jones, T. S.**, *A frontal section anatomy of the head and neck*, 1957. 92, 167, *rev.*
- Kanagasuntheram, R.**, Development of the human lesser sac, 91, 188-206
Some observations on the development of the human duodenum, 94, 231-40
- & **Anandaraja, S.**, Development of the terminal urethra and prepuce in the dog, 94, 121-9
- & **Krishnamurti, A.**, Observations on the carotid rete in the lesser bush baby (*Galago senegalensis senegalensis*), 99, 861-75
- , **Leong, Chan Heng & Mahran, Z. Y.**, Observations on some cortical areas of the Lesser Bush Baby (*Galago senegalensis senegalensis*), 100, 317-333

Author Index

- Kanagasuntheram, R. & Mahran, Z. Y.**, Observations on the nervous system of the lesser bush baby (*Galago senegalensis senegalensis*), 94, 512-27
- Kanji, A. H. M.**, *see* Muir, A. M. & Allbrook, D.
- Kanthack, A. A.**, The thyreo-glossal duct, 25, 155-65
Complete cervical fistulae: a note on C. F. Marshall's paper on the thyro-glossal duct or 'canal of His', 26, 197-8
The myology of the larynx, 26, 279-94
A few notes on epithelial pearls in foetuses and infants, 26, 501-8
- Kantor, Malformed liver**, 39, 506, *rep.*
- Kapeller, K. & Mayor, D.**, Ultrastructural changes proximal to a constriction in sympathetic axons during first 24 hours after operation, 100, 439-441, *P.*
- Kapff, on peritoneal relations of ovary**, 7, 333, *rep.*
- Kappers, C. U. A.**, *Three lectures on neurobiotaxis and other subjects delivered to the University of Copenhagen*, 1928. 63, 396, *rev.*
The evolution of the nervous system in invertebrates, vertebrates and man, 1929. 66, 272-4, *rev.*
The endocranial casts of the Ehrhingsdorf and *Homo soloensis* skulls, 71, 61-76
- Karlson, P. editor**, *Funktionelle und morphologische Organisation der Zelle*, 1962. 98, 141, *rev.*
- Karlren, Bielka von**, on a double kidney on the left side, 33, 354 (*ref. only*)
- Karoff, B.**, *see* Drosdoff
- Karplus, H.**, *see* Spira, E. & Farin, I.
- Kashef, R.**, Electron microscopy of the giant nerve fibres of the earthworm, 100, 439, *P.*
The branching of myelinated nerves in vertebrates, 100, 927, *P.*
see also Williams, P. L.
- Kate, B. R. & Robert, S. L.**, Some observations on the upper end of the tibia in squatters, 99, 137-41
- Kater, N. W.**, Two cases of supernumerary radiopalmar muscle—muscle surnuméraire of Testut, 36, 76
Case of multiple renal arteries, 36, 77
- Kathe, on a case of partial doubling of the oesophagus**, 43, 120, *rep.*
- Katz, A description of a symelian foetus**, 37, 302, *rep.*
A case of extreme contraction of the aorta, 37, 307, *rep.*
A case of absence of the penis, 37, 308, *rep.*
Syndactyly and complete symblepharon of both eyes, and other malformations, 37, 310, *rep.*
- Kauffmann, O. J.**, Two cases of subdivision of the pouch of Douglas in the female into 3 fossae, 27, 557-8
- Kaufman, R. P.**, *see* Thomas, D. M., Sprague, J. M. & Chambers, W. W.
- Kaufmann, C.**, on contraction of striped muscle in beetles, 10, 219, *rep.*
- Kaufmann, J. see Bruere, A. A.**
- Kay, C. M.**, *see* Paul, W. M. *et al.*
- Kazzaz, D. & Shanklin, W. M.**, Comparative anatomy of the superficial vessels of the mammalian kidney demonstrated by plastic (vinyl acetate) injections and corrosion, 85, 163-5
- Keegan, D. A. J. & Harrison, T. J.**, The growth of the tail in the rat, 95, 616, *P.*
- Keen, E. N.**, The postnatal development of the human cardiac ventricles, 89, 484-502
see also Fine, H.
- Keen, J. A.**, *Short manual of regional anatomy*, 1937. 72, 642, *rev.*
A note on the comparative size of the cochlear canal in mammals, 73, 592-6
A note on the length of the basilar membrane in man and in various mammals, 74, 524-7
- A note on the closure of the foramen ovale and the post-natal changes of the ventricles in the human heart, 77, 104-9, *anat. not.*
- Post-natal growth-changes in the cardiac ventricles of the albino rat, 79, 38-40
revisor and editor, Ellis's Anatomy, 13th ed. 1946. 81, 367, *rev.*
- Fallacy of the 'open neural tube' hypothesis, 93, 585-6, *P.*
- Keen, W. W.**, on experiments on muscles of respiration and laryngeal nerves, 10, 443, *rep.*
- Keenan, R. D.**, The chromosomes of *Sphenodon punctatum*, 67, 1-17
- Keene, M. F. Lucas**, Two cases of cervical ribs. An anomalous arrangement of the vagi, 49, 336-42
A case of double inferior vena cava, 51, 69-70; 51, 12, *P.* (June 1916)
Two abnormal foetal hearts, 59, 17-18, *S.P.*
A case of osteogenesis imperfecta, 59, 36-7, *S.P.*
The connexions of the posterior commissure. A study of its development and myelination in the human foetus and young infant, of its phylogenetic development, and of degenerative changes resulting from certain experimental lesions, 72, 488-501
Sections of human embryos (6.5 mm., 10 mm., 15 mm. and 18 mm.) illustrating development in the pharyngeal region, 81, 387, *P. (dem.)*
Muscle spindles in human laryngeal muscles, 95, 25-9
Nerve endings in human laryngeal muscles, 91, 590, *P.*
- & **Hewer, Evelyn E.**, Glandular activity in the human foetus, 59, 104, *S.P.*
Observations on the development of the human suprarenal gland, 61, 302-24
Some observations on myelination in the human central nervous system, 66, 1-13
Demonstration of myelination of nerves in human foetus and infant, 67, 200, *P.*
The development and myelination of the posterior longitudinal bundle in the human, 67, 522-35
The subcommissural organ and the mesocoelic recess in the human brain, together with a note on Reissner's fibre, 69, 501-7
Nerve endings in the human foetus 70, 192, *P. (dem.)*
Reissner's fibre (?) in a human foetus, 70, 192, *P. (dem.)*
The connexions of the posterior commissure, 72, 317, *P.*
- & **Whillis, J.**, *Anatomy for dental students*, 1950. 85, 299-300, *rev.*
- Kehre, on structure of milk casein**, 6, 464, *rep.*
- Kehrer, A case of hemicardius**, 44, 97, *rep.*
- Kehrer, F.**, on vagus in relation to innervation of the bladder, 2, 192, *rep.*
- Keibel, F.**, Models to illustrate the development of the urogenital apparatus the liver the pancreas and the spleen of echidna, 39, xlix-l, *P.*
- Keiffer, on a Fallopian tube which was single at its uterine end and double at its ovarian end**, 43, 121, *rep.*
Two examples of genital malformations, 44, 103, *rep.*
- Keith, Statistical inquiry into cases of congenital cardiac malformations**, 40, 299, *rep.*
- Keith, A. (later Sir Arthur)**, The ligaments of the catarrhine monkeys, 28, 149-68
Note on the supracostalis anterior, 28, 333-4; 28, xii, *P.*
Notes on a theory to account for the various arrangements of the flexor profundus digitorum in the hand and foot of primates, 28, 335-9; 28, xii, *P.*

Author Index

- Keith, A. (later Sir Arthur),** The growth of brain in men and monkeys, with a short criticism of the usual method of stating brain-ratios, 29, 282-303; 29, x, P.
- The modes of origin of the carotid and subclavian arteries from the arch of the aorta in some of the higher primates, 29, 453-8
- discussion on *Pithecanthropus erectus* of Dr. Dubois, 29, xviii-xix, P.
- A variation that occurs in the manubrium sterni of higher primates, 30, 275-9
- The frequent occurrence of a divided inferior vena cava in the genus *Hylobates* (Gibbons) 30, ii-iv, P.
- on preservation of organs in formaldehyde, 30, xi-xii, P.
- The relative position of the spinal accessory nerve to the jugular vein and transverse process of the atlas, and on the connection of this nerve with sounds of pain in certain movements of the head, 30, xii-xiv, P.
- on nature of fibrous band on dorsum of scapula, 30, xiv-xv, P.
- Introduction of an Indian contortionist, 31, xxv-vi, P.
- A preliminary investigation of the influence of body-posture on the position and shape of abdominal and thoracic organs, 32, 451-7
- The abdominal and thoracic viscera of fourteen bodies and of an Orang, 32, xxxiii-iv, P.
- Boy with supernumerary leg, 33, 1, P.
- The position and manner of fixation of the liver of primates, and the part these factors play in the lobulation of the liver, 33, xxi-ii, P.
- Congenital abnormality of the heart, 33, li-liii, P.
- Specimen of pregnant uterus of *Macacus rhesus*, 34, xlv-lxviii, P. May 1900
- Anatomy of two acardiac fetuses, 35, 501, rep.
- Specimen of a double kidney, 35, xi-xii, P.
- Sections to show relationship of gall-bladder and bile ducts, 35, xii-xiii, P.
- Man and higher primates, 36, 93, A.U.A.A.S.
- Inflation of the nasal canal in the skulls of adult gorillas and chimpanzees, and the relative development of the sinus maxillaris and inferior meatus in man and apes, 36, xlvii-li, P.
- The extent to which the posterior segments of the body have been transmuted and suppressed in the evolution of man and allied primates, 37, 18-40
- Volvulus formed by the caecum, ascending colon and terminal part of the ileum, 37, ii, P.
- The anatomy of the valvular mechanism round the venous orifices of the right and left auricles, 37, ii-xxxvi, P.
- Contributions to the human mechanism of respiration, 37, li-lxi, P.
- Models showing displacement of splenic flexure of colon on emptying and filling of stomach, respiratory movements of the kidney and of the liver, stomach and spleen, 37, lxi, P.
- Anatomical evidence as to the nature of the caecum and appendix, 38, vii-xx, P.
- Exhibition of 30 malformed human hearts, 39, xiv-xvii, P.
- The nature of the mammalian diaphragm and pleural cavities, 39, 243-84; 39, ii-iv, P.
- Three specimens in which the oesophagus ended blindly opposite the tracheal bifurcation, one specimen in which the pericardium was widely open on the left side, specimens in which the auriculo-ventricular bundle of His was displayed, 40, xiv, P. (t.o.)
- Partial deficiency of the pericardium, 41, 6-7; 43, 121, rep.
- Three cases of malformation of the tracheo-oesophageal septum, 41, 52-5; 43, 120, rep.
- Muscular connections between the auricles and ventricles of the heart, 41, iii, P. (t.o.)
- (1) Specimens on the primary division of the human heart, (2) peculiar neuro-muscular node at the junction of superior vena cava and right auricle, (3) the arterial circle at the sino-auricular junction of the heart, and (4) congenital dislocation of the hip, 41, ix, P. (January 1907) (dem.)
- An account of the structures concerned in the production of the jugular pulse, 42, 1-25
- A method of indicating the position of the diaphragm and estimating the degree of visceroptosis, 42, 26-9
- Persistence of the vessels of the yolk sac, 42, 457-9, anat. not.
- The structure, position and relationships of the semi-auricular node in the human heart: The relationship of the musculature to the movements of the heart: Ptosis of the abdominal viscera, 43, iii, (July 1907) (t.o.)
- Abnormal ossification of Meckel's cartilage, 44, 151-2
- Description of a new craniometer and of certain age changes in the anthropoid skull, 44, 251-70
- Exhibition of specimens from the Royal College of Surgeons' Museum: injection of veins of human liver, internal sphincter of rectum, recto-vaginal musculature and a diverticulum of the duodenum. Also specimens of common bile-duct and pancreatic duct, lung of Manis, lung of dog injected with fusible metal, head of Orang, various organs of Walrus, 44, i, P. (t.o.)
- on two cases which threw light on the fate on Meckel's cartilage, 44, iii, P. (t.o.)
- Six specimens of abnormal heart, 46, 211-14
- The Bury St Edmunds cranial fragment, 47, 73-9
- Abnormal crania-achondroplastic and acrocephalic, 47, 189-205
- Specimens: Preliminary account of the 'nodal' system of the heart in the muscular walls of the alimentary tract, 50, 1-3, P. (January 1915)
- on the preparation of dry specimens, 50, 17-18, P. (June 1915)
- Studies on the anatomical changes which accompany certain growth-disorders of the human body, part I, 54, 101-15
- Part played by bone formation in the eruption of teeth, 59, 72, S.P.
- Demonstration of preparations from madder-fed pigs to illustrate growth of bone, 59, 97-8, S.P.
- The progress of anatomy, 62, 241-3 (review of *Recent advances in anatomy* by H. Woollard, 1927)
- Comité International des Recherches des Parties Molles (Parties Non Osseuses) 64, 99-103
- Human embryology and morphology*, 1933. 68, 573, rev.; 6th ed. 1948. 83, 176, rev.
- A resurvey of the anatomical problems raised by the human fossil discoveries at Piltdown and Swanscombe, 72, 619-20, P.
- The Florisbad skull and its place in the sequence of South African human fossil remains, 72, 620-1, P.; 72, 626, P. (dem.)
- A resurvey of the anatomical features of the Piltdown skull with some observations on the recently discovered Swanscombe skull, Part I, 73, 155-85; Part II, 73, 234-54
- Presentation to Professor E. Barclay Smith for services to the Society, 73, 670, P.

Author Index

- Keith, A. (later Sir Arthur) & Flack, Martin, The form and nature of the muscular connections between the primary divisions of the vertebrate heart, 41, 172-89
- & Jones, F. Wood, A note on the development of the fundus of the human stomach, 36, xxxiv-xxxviii, P.
- & Knowles, Francis H. S., A description of teeth of Palaeolithic man from Jersey, 46, 12-27
see also Parsons, F. G.
- Kelever, C. E., see Truex, R. C.
- Kellas, L. M., Elastic fibres in the umbilical cord of the African antelope *Ourebia ourebi* (Zimmerman) 99, 425, P. (dem.)
- Keller, H. & Clark, R. B. editors, *Neurosecretion*, 1962, 97, 132, rev.
- Kelley, Three cases of malformation of the rectum, 44, 104, rep.
- Kellock, on complete hypospadias with cleft scrotum, 33, 505 (ref. only)
Hypospadias complete, with cleft scrotum, 2/9 sibs, 34, 420, rep.
A case of pseudo-hermaphroditism, 44, 102, rep.
- Kelly, A. C., Demonstration, peripheral distribution of the facial nerve, 63, 176, P. (t.o.)
- Kelly, Harriet, J., see Macy, I. G.
- Kelly, R. E., Dissections of the rete mirabile of the internal carotid artery in some herbivora, 37, lxx, P.
- Kelyack, T. N., Cases of Meckel's diverticulum, 26, 554-5 (4/298 cases)
The pathology of the vermiform appendix, 1893. 28, 384, rev.
- A case of adrenal adenoma, 30, 539-44
- Kemmerich, on the changes in milk in the production of butter, 1, 358, rep.
on chemistry of milk, 4, 321, rep.
- Kemp, F. H., see Ardran, G. M.
- Kempe, Thoracopagus male twins, 30, 457, rep.
- Kempson, F. C., Skull of an adult microcephalic idiot, 32, 267-71
Emargination of the patella, 36, 419-20
- Kendall, J. I., see Scott, G. G.
- Kennard, Margaret, A., see Verhaart, W. J. C.
- Kennedy, see Eigenmann
- Kennedy, G. D. C., see Kennedy, J. S.
- Kennedy, John, Remarks on a young Aino cranium, 5, 343-7
- Kennedy, J. S. & Kennedy, G. D. C., Sulphated mucopolysaccharides in rodent teeth, 91, 398-408
- Kennedy, R., On the regeneration of nerves, 31, 447-9
- Kennedy, W. P., The occurrence of polyovular Graafian follicles, 58, 328-34
Unilateral cryptorchism in a rat, 61, 352-55
- Kenneth, J. H. revisor, *A dictionary of scientific terms* (Henderson, I. F. & W. D.) 3rd ed. 1939. 73, 674, rev.
- Kenny, abnormal relation of phrenic nerve to subclavian vessels, 22, xviii, P.
- Kenny, G. C. T., Transversely striated muscle fibres in the pineal region of mammals, 99, 945, P.A.S.A.N.Z.
- Kent, A. F. S., A case of abnormal development of the reproductive organs in the frog, 19, 447-50
- Kent, W. S., on the larval form of *Acantho-cephaloid scolecid*, 6, 449, rep.
- Keohane, K. W. & Metcalf, W. K., Some observations on the response of lymphocytes to immunization, 94, 454, P.
see also Metcalf, W. K.
- Keong, Wu Ching, see Packer, A. D.
- Kermauner, on thoracic spina bifida, 42, 133, rep.
- on malformations associated with imperfect closure of the body cavity, 42, 134, rep.
- Kerner, on *in vitro* effect of quinia carbonate and hydrochloride on leucocytes, 7, 195, rep.
- Kerner, G., on therapeutic effects of chinovic acid, 3, 224, rep.
- Kerr Love, J., see Love, J. Kerr
- Kerr, A. S., see Beattie, J.
- Kerr, D. N. S., see Muir, A. R.
- Kerr, M. G., see Rashad, M. N.
- Kersten, on a case of congenital occlusion of the ileum, 43, 123, rep.
- Kessel & Stricker, on irritation of vasomotor centre in the frog, 6, 476, rep.
see also Mach
- Mach & Kessel
- Kesteven, H. Leighton, The relation of the amphibian parasphenoids, 50, 303-7
The homology of the mammalian alisphenoid and of the echidna-ptyergoid, 52, 449-66
The pterygoids in amphibia and reptiles and the parasphenoid, 53, 223-38
A new interpretation of the bones in the palate and upper jaw of fishes, part I, 56, 307-24
The homology of the ala temporalis and of the alisphenoid bone, 61, 112-31
The anatomy of the head of *Callorhynchus antarcticus*, 67, 443-74
The echidna-ptyergoid, 79, 121-2
- & Furst, C., The skull of *Ornithorhynchus [platypus]* its later development and adult features, 63, 447-72
- Kettel, K., *Peripheral facial palsy: pathology and surgery*, 1959. 94, 566, rev.
- Kettner, A case of tongue defect, 44, 99-100, rep.
- Key, Axel, on the natural occurrence of *Trichinae*, 3, 243-4, n.
on the behaviour of the white blood-cells in inflammation in the kidneys and lungs, 4, 195, n.
- & Retzius, G., on meninges of brain and spinal cord, 5, 231-2, n.
on arrangement of meninges and structure of Pacinian corpuscles, 7, 329-30, rep.
on the relation of the subarachnoid spaces to the cerebral ventricles and the structure of subarachnoid trabeculae, 9, 198-201, rep.
Studien in der Anatomie des nerven Systems und des Bindegewebes, vol. I., 1875; vol. II, 1st part, 1876. 12, 366-7, rev.
- Keyser, On a case of Sprengel's deformity, 39, 507, rep.
- Kidd, M., Electron microscopy of the inner plexiform layer of the retina in cat and pigeon, 96, 179-87
- Kidd, Walter, Notes on the hair-slope in man, 35, 305-22; 35, iv, P. (t.o.)
Diagrams illustrating the arrangement of the hair on the frontal region of man, 36, xxx-xxxiii, P.
Notes on the eyebrows of man, 38, iii-vii, P.
On imbrication of the papillary ridges in man, 39, 413-16; 39, xiii, P.
micro-photographs of the skin of the foot and hand in various animals, 40, xvii, P. (t.o.)
The papillary ridges and papillary layer of the corium in the mammalian hand and foot, 41, 35-44
The arrangement of papillary ridges on the human hand and foot, 43, 291-300
Abnormal phalanges in the human hand: a case of brachydactyly, 44, 64-6
description of a case of brachydactyly; The arrangement of the papillary ridges on the human hand and foot, 44, i, P. (t.o.)
Initiative in evolution, 1920. 56, 55-6, rev.

Author Index

- Kidston, R.**, Demonstration of the fructification of some carboniferous ferns, 25, ii, P. (SMS) (t.o.)
- Kief, H.**, *Studien zur Morphologie des Neutralfettstoffwechsels*, 1964. 99, 186, rev.
- Kiernan, J. A.**, Some histochemical observations relating to the so-called ground substance of the central nervous system, 99, 926-8, P.
Application of a fluorescent periodic acid-Schiff technique to the central nervous system, 99, 940, P. (dem.)
see also Holmes, R. L.
- Kiewiez, Adam & Jacobson**, on pressure in the pericardium, 8, 189, rep.
- Kilian**, on physiology of the human voice, 9, 232, rep.
- Kinberg, J. G. H.**, on *Annelida*, 4, 163, rep.
on osteology of arctic seals, 4, 163, rep.
Papers on Arctic Phococae, bones and implements found at Håstefjord, skeleton of fox, classification of family *Amphinome*, origin of second cervical vertebra from fusion of two vertebrae, and *Annulata nova*, 4, 332, n.
- Kindl**, on five cases of malformations of the extremities, 43, 124, rep.
- King, A. S.**, The cervical course of the aortic nerve of the horse, 91, 228-36; 90, 571, P.
- & **Payne, Dinah, C.**, The volumes of the lungs and air sacs in *Gallus domesticus*, 99, 656, P.
The maximum capacities of the lungs and air sacs of *Gallus domesticus*, 96, 495-503
- & **Roberts, M. C.**, The laryngeal cartilages and muscles of *Gallus domesticus*, 99, 410-11, P.
see also Biggs, P. M.
Payne, Dinah C.
Smith, R. N.
Smith, R. N. & Lee, D. G.
- King, E. S. J.**, An anatomical analysis of an example of polyorchidism, 65, 427-37
- King, J. D.**, A note of the microscopic structure of enamel, 73, 424-31
- King, Judith, E.**, A note on the increasing specialization of the seal fore flipper, 98, 476, P.
Swallowing modifications in the Ross seal, 99, 206-7, P.
- King, Lester S.**, Vital staining of the nervous system. I. Factors in the vital staining of neurones, 69, 177-80
- King, T. Summerfield**, The anatomy of hare-lip in man, 88, 1-12; 87, 447, P.
The specialized conducting tissue of the whale heart: foetal *Balaenoptera physalis*, 95, 611, P.
Ossification and age changes in the laryngeal cartilages, 97, 140, P.
- & **Coakley, J. B.**, A neurological study of the cardiac atria of mammals, 90, 601, P.
A study in the oblique vein of the left atrium and the left precaval vein in mammals, 90, 601, P.
The intrinsic nerve cells of the cardiac atria of mammals and man, 92, 353-76
see also Coakley, J. B.
Davies, F. & Francis, E. T. B.
- Kingston, Barton, J.**, see Barton, J. Kingston
- Kinsell, L. W.**, compiler & editor, *Adipose tissue as an organ*, 1962. 97, 292, rev.
- Kiortsis, V. & Trampusch, H. A. L.** editors, *Regeneration in animals and related problems*, 1965. 100, 678, rev.
- Kirby, D. R. S.**, The development of mouse blastocysts transplanted to the scrotal and cryptorchid testis, 97, 119-30
- Kirchner**, on the position of the nipple and the relation of the apex of the heart to the left nipple line, Merkel and Bonnet's, 33, 354 (ref. only)
- Kirchner, J. A. & Wyke, B. D.**, The innervation of the laryngeal joints in the cat, 98, 684, P.
- Kirk, J.**, A case of 'megacolon', 67, 201, P. (disc. only)
Bilateral superior vena cava, 69, 152, P. (dem.)
Voluntary luxation of the shoulder joint by muscular action, 71, 145, P.
Observations on the plica inguinalis, gubernaculum and associated structures in rabbit and marsupial embryos, 71, 146-8, P.
The histology of the pancreatico-biliary ducts, with particular reference to the so-called ampulla of Vater and to the sphincter of Oddi, 77, 120-1, P.
Observations on the histology of the choledochoduodenal junction and papilla duodeni, with particular reference to the ampulla of Vater and sphincter of Oddi, 78, 118-20
Further observations on the histology of the terminal portion of the common bile and pancreatic ducts, 80, 230, P.
A note on pigmentation of the skin, 84, 75, P.
- & **Baker, Alfreda H.**, Congenital atresia of the small intestine associated with an unusual development of the pancreas and spleen, 68, 139, P. (disc. only)
see also Baker, Alfreda H.
- Kirk, R.**, Malformation of incisor teeth, 18, 339, anat. not.
On a new acid found in human urine which darkens with alkalis (alcaptonuria), 23, 69-80
- Kirk, T. S.**, Some points in the mechanism of the human hand, 58, 228-30
Demonstration of improved artificial hands, 59, 1, S.P.
Sternalis muscle (in the living) 59, 192
- Kirkaldy-Willis, W. H.**, see Allbrook, D.
- Kirkman, N. F. & Ashley, G. T.**, Reduplication of bladder and associated anomalies—report, 91, 606, P.
see also Rintoul, J. R.
- Kirkpatrick, H. J.**, Radiological investigation of the alimentary tract, 66, 140, P.
- Kirkpatrick, H. J. R.** see Dow, D. R.
- Kirschbaum & de Koning**, on absence of the sternocostal part of the great pectoral and the lesser pectoral, 33, 681 (ref. only)
- Kiss, F.**, The relationship between the vagus and sympathetic in the vertebrates, 66, 153-6, P.
Sympathetic elements in the cranial and spinal ganglia, 66, 488-98
Comparative anatomy of the spinal ganglia, 68, 131-2, P.
The blood-vascular system of the eyeball, 81, 378, P.
Cell multiplication in peripheral ganglia, 81, 380, P.
The blood supply of the prostate gland, 81, 381, P. (dem.)
- & **Szentagothai, J.**, *Anatomischer Atlas des menschlichen Körpers*, 7th ed., 3 vols., 1960. 95, 139, rev.
- Kiss, T. & Szentagothai, J.**, *Atlas of human anatomy*, vols. 1-3, 1964. 100, 208-9, rev.
- Kissinger**, A case of craniopagus parietalis, 44, 100, rep.
- Kistiakowsky, B.**, on derivatives of fibrin after gastric and pancreatic digestion, 10, 214-15, rep.
- Kitamura**, on four cases of microphthalmus congenitus in pigs, 43, 118, rep.
- Klaauw, C. J. van der**, *Projections, deepenings and undulations of the surface of the skull in relation to the attachment of muscles*, 1963. 98, 459, rev.
- Klaussner**, on gigantism, absent radius, syndactyly, polydactyly, brachydactyly, electrodactyly, 42, 138, rep.

Author Index

- Klaussner, E., multiplication of organs in vertebrate embryos, 27, 415-16, *rep.*
- Klavins, Janis V., Demonstration of striated muscle in the pulmonary veins of the rat, 97, 239-41
- Klebs, on nucleated red corpuscles in a child, 2, 168, *rep.*
- Klebs, E., on pyrogenic substance in milk, 3, 237, *rep.*
- Klein & Sanderson, on anatomy of serous membranes, 6, 442, *rep.*
- Klein, E., on development of the blood vessels and blood corpuscles in the embryo chick, 6, 438, *rep.*
- on peripheral distribution of non-medullated nerve fibres in cornea, nictitating membrane, peritoneum, tongue, and ciliated duct, 6, *rep.*
- on mesenteric plexus of Auerbach in frogs and toads, 8, 173, *rep.*
- on serous membranes, with special reference to lymphatics, 8, 388-90, *rep.*
- on lymphatics of lungs, 8, 390, *rep.*
- The anatomy of the lymphatic system, part II, the lungs*, 1875. 10, 435-6, *rev.*
- on structure of the spleen, 10, 450-1, *rep.*
- & Smith, E. Noble, *The atlas of histology*, 1880. 13, 424, *rev.*
- , Sanderson, J. Burdon, Foster, Michael, & Brunton, T. Lauder, *Handbook for the physiological laboratory*, 2 vols, 1873. 7, 322-5, *rev.*
- Klemeniewicz, R., on demonstration of the pulse by means of flame, 8, 403, *rep.*
- Klimoff, on the fibres of the cerebellum, 33, 506 (*ref. only*)
- Klippel & Bouchet, A case of right thoracic hemimelia, 44, 107, *rep.*
- Klippel, M. & Rabaud, E., Brachydactyly, 35, 505, *rep.*
- Abnormality of the thumb, 39, 509, *rep.*
- on a case of right thoracic hemimelia, 42, 139, *rep.*
- Klosovskii, B. N., *The development of the brain and its disturbance by harmful factors*, 1963. 99, 183-4, *rev.*
- Klug, on conduction of heat by skin, 9, 220, *rep.*
- Klug, F., on blood-current in coronary artery, 11, 193, *rep.*
- Klunder, on duration of contraction of muscles, 5, 405, *rep.*
- Knaggs, Diaphragmatic hernia, 39, 506, *rep.*
- Knapp, on determining glucose in urine, 5, 226, *rep.*
- on new ophthalmoscope, 9, 219, *rep.*
- Knies, on currents of fluid in eye and tissues in general, 10, 634, *rep.*
- Knight, G. C., An experimental investigation of the oesophageal innervation, 69, 138, *P (to)*
- Knoch, J., on the development of *Bothriocephalus*, 4, 307, *rep.*
- Knoll, on composition of urine after section of splanchnic nerves, 5, 216-17, *rep.*
- on function of corpora quadrigemina, 7, 175, *rep.*
- On pulse tracings, 13, 410-11, *rep.*
- Knoll, P., on action of vapours when applied to the parts of the trachea below the larynx, 9, 233, *rep.*
- on heart rate in relation to intracardial pressure and activity of vasomotor nerves and cervical spinal cord, 9, 225-7, *rep.*
- Knott, J. F., Muscular anomalies, 15, 139-40
- On the cerebral sinuses and their variations, 16, 27-42
- Knowles, F. H. S., *see* Keith, A.
- Knowles, Sir Francis & Vollrath, L., The ultra-structure of the pituitary of the eel, 99, 940, *P. (dem)*
- Knox, D. N., on absence of corpus callosum, 10, 445, *rep.*
- Koch, on congenital anomalies of the position and arrangement of the human intestine, 33, 683 (*ref. only*)
- Koch, H., on congenital deformities, 30, 452, *rep.*
- Kodicek, E., *see* Murray, P. D. F.
- Koetzle, A case of almost symmetrical syndactyly and hyperphalangy, 44, 105, *rep.*
- Koganei, *Beiträge zur physischen Anthropologie der Aino, part I. Untersuchungen am Skelet*, 1893. 28, 385-6, *rev.*; part II. *Untersuchungen am Lebenden* 1894. 30, 318, *rev.*
- Kohlbrugge, on the homology of neck and trunk, 33, 351 (*ref. only*)
- Kohlbrugge, I. H. F., *Muskeln und Periphere Nerven der Primaten, mit besonderer Berücksichtigung ihrer Anomalien*, 1897. 32, 608, 611-12, *rev.*
- Kohler, on mode of action of vegetable cathartics, 5, 392-3, *rep.*
- on antagonistic action of saponin and digitalin, 8, 231-2, *rep.*
- on action of calabar bean on the heart, 8, 403, *rep.*
- on effects of intravenous injection of cetrarin and columbin upon circulation and blood pressure, 8, 406, *rep.*
- on the physiological action of the ergotin of Bonjean and of Wigger, 9, 222, *rep.*
- Köhler, Alban, *Röntgenology*, 1928. 63, 500, *rev.*
- Kohn, on the suprarenal bodies, 33, 505 (*ref. only*)
- Kohnstamm, on the nucleus phrenicus, 33, 352 (*ref. only*)
- Koht, on coughing, 9, 218, *rep.*
- Kohts, on the functions of the corpora quadrigemina, 11, 542, *rep.*
- Kolbe, on the synthesis of urea, 2, 430, *rep.*
- Koldovsky, O., *see* Vacek, Z. and Hahn, P.
- Kolet & Gotte, on a case of double uterus, 43, 117, *rep.*
- Kollenkamp & Ullrich, on experiments on tactile sense in man, 5, 210, *rep.*
- Koller, A., A case of transposition of viscera, 34, 411-12, *rep.*
- Kollicker, *see* Cohnheim
- Kollicker, A., on structure and formation of polypary of tubipora and note on polymorphism, 2, 405-6, *rep.*
- on crania of South Sea Islander and Australians, 4, 152, *rep.*
- on sexual reproduction in polyps, 5, 200, *rep.*
- on a new form of Alcyonarian polyp, 5, 200, *rep.*
- on polyps, 5, 387-8, *rep.*
- on distribution and significance of osteoclasts in bones and teeth, 6, 433, *rep.*
- on structure of *Remula*, 6, 448, *rep.*
- on occurrence and distribution of typical absorption surfaces in bones, 7, 167, *rep.*
- on absorption and interstitial growth of bone, 8, 387, *rep.*
- on origins of membrana granulosa and ova, 9, 401-2, *rep.*
- on germinal layers of hen's egg, 9, 402-3, *rep.*
- Entwicklungsgeschichte des Menschen und der höheren Thiere*, 3rd ed. 1st part, 1876. 10, 788-94, *rev.*; 3rd ed. complete, 1879. 13, 580-2, *rev.*
- On the placenta of the genus *Tragulus*, 14, 374-5, *abs.*
- The minute anatomy of the spinal cord and cerebellum demonstrated by Golgi's method, 25, 443-60
- address on the minute anatomy of the central nervous system, according to Golgi's method, 26, 274, (*to*)
- Handbuch der Gewebelehre des Menschen*, 1893. 6th ed. vol. 2, 1st part. 28, 380, 381, *rev.*; 6th ed. vol. 2, 2nd part, 1896. 31, 162, *rev.*
- Erinnerungen aus meinem Leben*, 1899. 34, 284-5, *rev.*
- see also* Hering, E.

Author Index

- Kollmann**, on relations of the skeleton of the face to the superficial soft parts, 33, 500, *anat. not.*
- Kollmann, J.**, on structure of the red blood corpuscles, 9, 221, *rep.*
on spina bifida and neurenteric canal, 28, 371-2, *rep.*
on abnormalities of the inferior vena cava, 28, 376, *rep.*
Telegony, 36, 298, *rep.*
- Kolster, R.**, Multiple canals of spinal cord in embryos of *Sterna hirundo* & *Larus canus*, 34, 416, *rep.*
- Komáromy, L.**, *Anatomische Gehirnsektion*, 1961. 96, 411, *rev.*
- Kon, S. K. & Cowie, A. T. editors**, *Milk: the mammary gland and its secretion*, 1961. 96, 132, *rev.*
see also Tomlin, D. H. & Henry, K. M.
- König, J.**, on electrical stimulation of nerve, 6, 222, *rep.*
- Konikow, M. J.**, Case of transverse septum extending across vagina 2½ inches above the vulva, 36, 305, *rep.*
- Konjkoff, N.**, on the influence of certain substances on the glycogen of the liver, 11, 564, *rep.*
- Konstantinowitsch**, on a child who lived for two days with anomalies of heart and great vessels, 43, 120, *rep.*
- Kopf**, on physiological action of nicotia, in relation to excessive smoking, 4, 316, *rep.*
- Kops, B.**, Congenital tumour of the pylorus, 32, 791, *rep.*
- Kopsch, F.**, *Die Entwicklung des braunen Grasfrosches*, *Rana fusca*, *Roesel*, 1952. 87, 216, *rev.*
- Körber**, on blood chemistry, with reference to haemoglobin, 2, 178-9, *rep.*
- Körner, F. editor**, *Grundriss der Histologie und mikroskopischen Anatomie des Menschen*, (Petersen) 1950. 86, 231-2, *rev.*
- Korowin**, on the fermentative action of pancreatic juice and parotidian saliva in infants and new-born, 8, 206, *rep.*
- Korschelt**, Duplicity amongst the Lumbricidae, 39, 503, *rep.*
- Kosaka, K.**, The effects of ascending and descending electrical currents on the growth of tissues and nerves, 60, 470, *P. (t.o.)*
- & Bito, F., *Über die Vergleichung einiger Fixierungs- und Färbungsmethoden*, *Folia anatomica Japonica* 1924. II, 247-52, 59, 448, *rev.*
- Koschennikoff, A.**, on processes of Purkinje and pyramidal nerve cells in cerebellum, 4, 158-9, *rep.*
- Koschlakoff**, on the source of pulmonary pigment, 1, 359, *rep.*
on blood chemistry, with reference to haemoglobin, 2, 178, *rep.*
- & Bogomoloff, on Pettenkoffer's reaction, 3, 238-9, *rep.*
on the action of ammonia, arseniuretted and anti-moniuretted hydrogen on haemoglobin, 3, 469, *rep.*
- Kosinski, C.**, Variations in the distribution of the cutaneous nerves in the leg, 59, 109, *S.P.*
Observations on the superficial venous system of the lower extremity, 60, 131-42; 59, 113-14, *S.P.*
The course, mutual relations and distribution of the cutaneous nerves of the metazonal region of the leg and foot, 60, 274-97
The cutaneous innervation of the dorsum of the human hand, 61, 509-11, *P.*
- Koskinas, G. N.**, *see* Economos, C. von
- Koslensko**, Uterus bicornis with twin pregnancy, one foetus in either horn, 37, 308, *rep.*
- Kossel, A.**, on peptones, 11, 559, *rep.*
- Kossmann, Robby**, on caudal sebaceous glands of birds, 6, 447, *rep.*
- Koster**, on the artery of the inferior right bronchial arch of the embryo, recognisable in the bronchial arteries, 4, 335-8
- Köster, K.**, on minute structure of human umbilical cord, 4, 302, *rep.*
- Koster, W.**, on the morphology of the occipital bone, atlas and axis, 2, 165, *rep.*
Position of the *arteria innominata* in the neck in front of the trachea, 1, 180-1, *abs*
on contributions to our knowledge of the mechanism of the body, 2, 434, *n.*
on the exudation of the colourless blood-cells through the walls of vessels, and the morbid processes resulting therefrom, 3, 246, *n.*
on a case of division of the inferior part of the omohyoid muscle, 4, 338, *n.*
on the phrenic nerve in man, 4, 339, *n.*
- Kosterlitz, H. W.**, *see* McKenzie, J. & Robinson, Judith A.
- Kostick, E. L.**, Facets and imprints on the upper and lower extremities of femora from a Western Nigerian population, 97, 393-402
- Kotani, M., Manabe, A., Seiki, K., Yamashita, A. & Horii, I.**, Experimental formation of lymphatic nodules in the thymus of guinea-pigs after injection of histamine, 100, 585-91
- Kotschetskowa, L.**, Microgyry and microcephaly, 36, 302, *rep.*
- Kountz, S. L.**, *see* Williams, P. L., Williams, M. A. & Dempster, W. J.
- Kovallevski**, *see* Kowalevsky
- Kowalevsky**, on development of *Amphioxus lanceolatus* and simple *ascidiae*, 3, 205, *rep.*
on movements of the bile, 9, 239, *rep.*
- , Adamük & Bernhardt, E., on cardiac depressor nerve in cat, 3, 461, *rep.*
- & Kupffer, on chorda dorsalis in larval ascidian, and development of *ascidiae*, 5, 388, *rep.*
- & Wyssotsky, injection of air into blood vessels, 9, 224, *rep.*
see also Dogiel
- Kowalevsky, A.**, on embryology of various *Vermes* and *Arthropoda*, 6, 448, *rep.*
- Krabbe, H.**, Helminthological investigations in Denmark and Iceland, with special reference to tapeworms affections in Iceland, 1, 183-4, *abs.*
- Krabbe, K. H.**, *Studies on the morphogenesis of the brain in Struthio camelus*, 1956. 91, 295, *rev.*
Studies on the morphogenesis of the brain in birds. (Morphogenesis of the vertebrate brain. V) 1952. 87, 325, *rev.*
- Krabbel**, A case of hermaphroditism, 37, 301, *rep.*
- Krakenberger, A.**, On macrodactyly, 30, 462, *rep.*
- Krarup-Hensen, C. J. L.**, on flight of birds, bats and insects, 4, 308, *rep.*
- Kratschmer**, on reflex effects on the circulation and respiration produced by stimulation of nasal mucosa, 5, 402, *rep.*
- Krause**, on endings of nerves in the retina, 2, 169, *rep.*
on contraction of muscular fibre, 8, 213, *rep.*
A case of congenital prolapsus uteri, 32, 792, *rep.*
- Krause, W.**, On the termination of the nerves in the conjunctiva, 1, 346
Die Anatomie des Kaminchens, 1868. 2, 386, *rev.*
on structure of retina in amphibia, aves, mammalia and pisces, 2, 399, *rep.*
Die Membrana fenestrata der Retina, 1868. 3, 187, *rev.*
on structure of striped muscular fibre, 3, 449-50, *rep.*
on ranine arch, 4, 302, *rep.*
on nerve-endings in glands (especially salivary), 5, 194, *rep.*

Author Index

- Krause, W., on nerve endings in smooth muscle (recto-coccygeus) 5, 194, *rep.*
on structure of the cornea 5, 195, *rep.*
on the allantois in the human embryo, 10, 457, *rep.*
— & Telgmann, J., *Die Nerven-Varietäten beim Menschen*, 1868. 2, 386, *rev.*
Krauspe, F., on reflex innervation of arteries of the pia mater, 9, 213, *rep.*
Krauss, F., on osteology of *Halicore dugong*, 5, 384, *rep.*
on pelvic bones of the manatee, 7, 336, *rep.*
Krebs, Congenital cartilaginous remains in the neck, 40, 299, *rep.*
Krieg, W. J. S., *Connections of the cerebral cortex*, 1963. 99, 182, *rev.*
Krenchel, W., on the action of muscarin in accommodation and on the pupil, 9, 414, *rep.*
on the effects of section of the optic nerve in the frog, 9, 415, *rep.*
Kress, B., on malformation of pinna, 3 cases, 27, 419, *rep.*
Kretschmann, Malformations of the ear, 44, 98-9, *rep.*
Kreussler, W., on estimation of nitrogen of albuminates, 9, 426, *rep.*
Kreutzmann, L., A case of epignathus, 30, 457-8, *rep.*
Krevet, Uterus didelphys, 37, 308, *rep.*
Krieg, W. J. S., *Functional neuroanatomy*, 1942. 76, 408-9, *rev.*
Kries, N. von, on blood-pressure in capillaries of human skin, 11, 568, *rep.*
Krmptić, J., *see* Krmptić-Bohaček, J.
Krmptić-Bohaček, J., Jugum cerebellare intersemilunare, 87, 359-61
Impressiones cisternales, 87, 462, P.
A histochemical study of cholinergic fibres in the cerebral cortex, 99, 711-59
Acetylcholinesterase in the developing forebrain, 100, 63-89
Krogman, Wilton, M., The morphological characters of the Australian skull, 66, 399-413
A bibliography of human morphology, 1914-39. 76, 141, *rev.*
Krohn, P. L., The behaviour of autografts and homografts of vaginal tissue in rabbits, 89, 269-82
Krohn, T. L. & Zuckerman, S., Stimulation of the seminiferous epithelium of immature monkeys with androgens, 83, 63, P.
Kroll, Philipp, on reflexes of the pupil, 4, 184-5, *rep.*
Krolow, on action of Brunner's glands, 8, 205, *rep.*
Kronecker, on laws of muscular fatigue, 6, 241, *rep.*
on the fatigue and recovery of striped muscle, 8, 210-13, *rep.*
Kronecker, Hugo, Digestion-oven with a diffusion apparatus, 9, 360-3
—, Falk, F. & Meltzer, S., Mechanism and innervation of deglutition, 16, 486-9, *phys. not.*
— & Stirling Wm., The characteristic sign of cardiac muscular movement, 9, 315-59
Krueg, J., Cerebral sulci of ungulates, 13, 267 (t.o.); comment by Turner, 13, 274-5
Kruger, L., Malis, L. I. & Rose, J. E., Laminary destruction of the cerebral cortex for the study of retrograde thalamic atrophy, 93, 575-6
see also Powell, T. P. S.
Krusenstern, V., on cholesterolin, 10, 650, *rep.*
Kruszynski, J., An improved microincineration technique for the demonstration of mineral elements in cells, 88, 580-1, P.
Adenopituitary cells examined by refractometry and microincineration, 91, 614-15, P.
Birefringence phenomenon and staining differences of cellular nuclei and other structures in histological sections, 95, 290-1, P.
Kuenzel, Wilhelmine, *see* Todd, T. W.
Kugler, J. H., *see* Johnson, F. R.
McMinn, R. M. H.
Wilkinson, W. J. C.
Wilkinson, W. J. C. & Eccles, C. N.
Kühn, Adolf, on accessory supra-renal capsule [glad], 1, 356, *rep.*
Grundriss der allgemeinen Zoologie, 1931, 66, 673, *rev.*
Kuhne, on oxygen consumption in ciliary movement, 1, 360-1
on photo-chemical processes in the retina, 11, 545-8, *rep.*
on comparison between trypsin and bacterial enzymes, 13, 240, *abs.*
Kuhne, W., *Lehrbuch der physiologischen Chemie*, 1866. 1, 353-4, *rev.*
on the digestion of proteins by the pancreas, 2, 158-161, *abs.*
on euzygm and trypsin, 11, 560-1, *rep.*
Kuhnt, on duplicity of hands and feet, 7, 332, *rep.*
Kükenthal, W. & Ziehen, Th., *Untersuchungen über die Grosshirnfurchen der Primaten*, 30, 312, 313, *rev.*
Kulaewsky, on subcrales [articularis genu] and sub-anconei muscles, 4, 301, *rep.*
Kulchitsky, N., Nerve endings in muscles, 58, 152-69
Nerve endings in the muscles of the frog, 59, 1-17; 59, 89, S.P.; 59, 103, S.P. (t.o.)
Innervation of striated muscle in the python, 59, 36, S.P. (t.o.)
Nerve endings in striated muscle, 59, 59-60, S.P.
Külz, on determination of sulphur in bile, 7, 352, *rep.*
on inosite, 11, 566, *rep.*
Külz, E., on the so-called 'facialis-centrum' in relation to secretion of saliva, 10, 202, *rep.*
on the human liver glycogen, 11, 564, *rep.*
on a phenol-forming substance in urine, and is grape-sugar a normal human urine constituent? 11, 566, *rep.*
— & Frerichs, E., on the effect of ligation of bile duct on glycogen content of the liver, 11, 564, *rep.*
Kunckel, Jules, on capillary vessels in insects, 3, 459, *rep.*
Kunkel, on the dependence of perception of colour on time, 9, 414, *rep.*
on gases produced by artificial pancreatic digestion, 9, 426, *rep.*
on the relation between the quantity of albumen taken in food and sulfur excreted in bile, 11, 562-3, *rep.*
Kuntz, A., *The autonomic nervous system*, 1929. 64, 537-8, *rev.*
A textbook of neuroanatomy, 2nd ed. 1936. 71, 550, *rev.*
Küntzel, on experimental induction of diabetes mellitus in rabbits, 7, 187, *rep.*
Kupffer, *see* Kowalevsky
Kupffer, C., observations on the development of osseous fishes, 3, 459, *rep.*
on development of *Ascidia canina*, 4, 307, *rep.*
on nerve fibres in relation to cells of salivary glands, 7, 330, *rep.*
Kupressow, on the sphincter vesicae, 7, 191, *rep.*
Kurtz, J., on excretion of acids and alkalis in urine, 9, 242-3, *rep.*
Kusnezoff, A., on cells containing blood-corpuscles in spleen, 9, 231, *rep.*
Küss & Pissou, on a process of the foetal lateral nasal cartilage which disappears in the adult, 33, 680 (*ref. only*)
Küssner, B., on the early stages of urea, 9, 439, *rep.*
Kutschevsky, A case of macropodia, 38, 372, *rep.*
Kutschin, C., on development of bone, 5, 192, *rep.*

Author Index

- Küttner**, on congenital atresia of the small intestine, 6, 443-4, *rep.*
on circulation in frog's lung, 9, 221, *rep.*
- Kuypers, H. G. J. M.**, An anatomical analysis of cortico-bulbar connexions to the pons and lower brain stem in the cat, 92, 198-218
- & **Tuerk, J. D.**, The distribution of the cortical fibres within the nuclei cuneatus and gracilis in the cat, 98, 143-62
see also Sterling P.
- Kyber, E.**, on structure of the spleen, 5, 380, *rep.*
- Labadie-Lagrave**, *see* Brown-Séguard
- Labbe, Guyon & Rabuteau**, on combined effects of opium alkaloids and chloroform, 7, 194, *rep.*
- Labbé, Ernest**, on systemic action of carbolic acid, 6, 496, *rep.*
- Laborde**, on acid of the stomach, 9, 426, *rep.*
- Laborde, J. V.**, on the effect of potassium bromide, sodium bromide and potassium iodide in man and animals, 2, 182-3, *rep.*
on the free acid of gastric juice, 9, 234, *rep.*
- Lacasse & Leremboure**, Congenital dislocation of the hip in still-born foetus, 40, 300-1, *rep.*
- Lachi, P.**, on human mole, 28, 370, *rep.*
- Lack, L. A. H.**, *see* Berry, R. J. A.
- Lacoste**, *see* Guerive
- Lacroix, P.**, *L'organisation des os*, 1949. 85, 103-4, *rev.*
- Ladendorf**, on the action of amyl nitrite on blood-corpuscles, 9, 416, *rep.*
- Ladman, A. J.**, *see* Wislocki, G. B.
- Laffay**, on an anomaly of the lacrymal nerve, 33, 352 (*ref. only*)
- Lafon**, A case of double microphthalmus, 44, 99, *rep.*
- Lafont, A.**, on fecundation of *Cephalopoda*, 4, 161-2, *rep.*
- Lagergren, C.**, *see* Ljungqvist, A.
- Laguesse, Professor**, On the first stages of histogenesis in the umbilical cord of the human embryo, 61, 491, P.
specimens illustrating the microscopic structure of the umbilical cord in different stages of its development, 61, 514, P. (*dem. only*)
- Lahs**, on cause of first inspiration in infants, 9, 232, *rep.*
- Laidlaw, P. P.**, A supra-clavicularis proprius (Gruber), 36, 417-18
Some peculiar features in a temporal bone, 37, 364-7
The varieties of the os calcis, part I, 38, 133-43; part II, 39, 161-77
- Laignel-Lavasture**, *see* Delherm
- Laing, J. A.** *see* Hamilton, W. J.
- Lair, van & Masius**, on derivative of bile-pigment in the faeces, 6, 468-9, *rep.*
see also Masius
- Lake, P. E.**, The male reproductive tract of the fowl, 91, 116-29
- Lamansky**, on negative oscillation in muscle, 5, 218, *rep.*
on sensibility of eye for colours, 6, 225, *rep.*
- Lambert**, on muscle sternalis, 1 case, 29, 467, *rep.*
- Lambert, Margaret W.**, Accessory bronchiolo-alveolar communications, 91, 573-4, P.
- Lambert, R.**, *Surgery of the digestive system in the rat*, 1965. 100, 206, *rev.*
- Lambert, V. F.**, Pterygoid extensions of the sphenoidal sinus, 80, 229, P.
see also Jones, F. Wood
- Lambley, D. G.**, *see* Harpman, J. A. & Weddell, G.
Weddell, G., Harpman, J. A. & Young, L.
- Laméris**, on a case of symmetrical ankylosis of the joints of the fingers, 43, 123, *rep.*
- Lamming, G. E.**, *see* Millen, J. W. & Woollam, D. H. M.
- Lamont, J. C.**, Note on the nervous supply of the musculus sternalis, 21, 514-15
Note on an oblique interosseous radio-ulnar ligament found in the Punjabi, 30, 505-6
Note on a tendon found in association with the insertion of the *peroneus longus* and origin of the first dorsal interosseous muscles, 42, 236
Note on the influence of posture on the facets of the patella, 44, 149-50
- Lamoureux**, A case of pseudencephalous foetus with complete transposition of viscera, 34, 412, *rep.*
- Lampe, L.**, Foetal rachitis, 30, 452-3, *rep.*
- Lanchester, F. W.**, Discontinuities in the normal field of vision, 68, 224-38
Directional fixity and the transitory visual impression or fleeting image, 70, 189-90, P.
- Lanchester, J. A.**, Permanence of visual impression, 68, 145, P. (*disc. only*)
A vertical hiatus in the retina, 68, 145-6, P. (*disc. only*)
- Landau, E.**, The comparative anatomy of the nucleus amygdalae, the claustrum and the insular cortex, 53, 351-60
- Landau, L.**, on secretion of the pancreas, 8, 410-11, *rep.*
- Lander, Kathleen F.**, The examination of a skeleton of known age, race and sex, 52, 282-91
The pectoralis minor: a morphological study, 52, 292-318; 51, 13-14, P. (December 1916)
- Landois**, on the ossification of embryonic connective tissue, 1, 146, *rep.*
on experiments using the sphygmograph as a cardiograph, 1, 156, *rep.*
- Landois, Leonard**, on foetal growth of the diaphyses of long bones, 3, 447, *rep.*
causes of catacrotic waves in pulse traces, 4, 324, *rep.*
describes a gas sphygmoscope, 5, 213, *rep.*
on movement of air in respiratory tract during cardiac systole, 6, 235, *rep.*
on blood transfusion, 8, 405-6, *rep.*
on haemantography, 9, 222, *rep.*
on haemolysis in relation to blood gases (*in vitro*), 9, 229, *rep.*
on microscopic observations on agglutination of rabbit red corpuscles in frog serum, 9, 230, *rep.*
on transfusion of heterogeneous blood, 9, 416, *rep.*
on blood transfusion, 10, 645, *rep.*
on graphic recordings of heart-beat, in health and disease, 11, 557, *rep.*
double monster cat, 27, 417, *rep.*
see also Eulenberg, A.
- Landolt, E.**, on retina of frog, salamander and triton, 5, 379, *rep.*
- Landon, D. N.**, *see* Williams, P. L.
- Landré**, *see* Jacobson
- Landry, S. O.**, The phylogenetic significance of the chondro-epitrochlearis muscle and its accompanying pectoral abnormalities, 92, 57-61
- Lane**, Case of septate uterus and vagina, 40, 300, *rep.*
- Lane, J. E.**, demonstration of abnormal course of right subclavian artery, 26, xvii, P. (1 case)
- Lane, W. Arbuthnot**, Costal and sternal asymmetry, 18, 335-8
Supernumerary cervico-dorsal vertebra-bearing ribs, with vertebral and costal asymmetry; abnormal articulation in a sternum, 19, 266-73
Some variations in the human skeleton, 20, 388-404
Floating kidney, 20, 544, *anat. not.*
An interclavicular muscle in the human subject, 20, 544-45, *anat. not.*

Author Index

- Lane, W. Arbuthnot, Rare abnormality of the large arteries of the heart, 21, 97-100
- A remarkable example of the manner in which pressure-changes in the skeleton may reveal the labour-history of the individual, 21, 385-406
- The causation of several variations and congenital abnormalities in the human skeleton, 21, 586-610
- A coraco-clavicular sternal muscle, 21, 673-4
- Abnormal muscle of the hand, 21, 674
- A very important factor in the causation of some of the curves which develop in mollities ossium, rickets and osteitis deformans, 22, 15-27
- Can the existence of a tendency to change in the form of the skeleton of the parent result in the actuality of the change in the offspring, 22, 215-24
- The movements of the ankle-joint, 22, 408-22
- The anatomy and physiology of the shoemaker, 22, 593-628
- on fractures and their treatment, 33, 500 (ref. only)
- Lang, on alloxan in urine, 2, 180, rep.
- on cause of death after varnishing skin, 7, 189, rep.
- Langdon Down, J. see Down, J. Langdon
- Lange, on the action of salts of ammonia on animal organism, 9, 448, rep.
- Lange, M., Double penis, 1 case, 34, 420, rep.
- Lange, O., on origin of cells containing blood corpuscles and changes in blood in lymph sac of frog, 10, 645, rep.
- Langendorff, O., on electrical excitability of the cerebrum, in frog, 11, 542, rep.
- Langer, K., on growth of the skeleton, 7, 168, rep.
- Langerhans, Paul, on nerves of the human skin, 3, 452, rep.
- on striatified epithelium, with special reference to dendritic cells, 8, 162, rep.
- on histology of the heart, 8, 173, rep.
- on touch corpuscles and nerve endings in the skin, 8, 175, rep.
- on the skin of the larva of *Salamandra maculosa*, 8, 177, rep.
- on architecture of spongy tissue of bones, 9, 190, rep.
- on glandular structure of prostate vas deferens, seminal vesicle and Cowper's glands, 9, 207, rep.
- on architecture of the spongiosa, 9, 244, rep.
- Langevin, Kidney and other abnormalities in still-born child, 38, 368, rep.
- Langgard, A., on comparisons between cow's and human milk, 10, 651, rep.
- Langhans, Theodor, on the glandular structure of the human ovary, 2, 175-6, rep.
- Langley, on union of cranial visceral fibres with nerve-cells of the superior cervical ganglion, 33, 352 (ref. only)
- on connexions of the ganglion of the trunk of the vagus, 33, 684 (ref. only)
- Langley, J. N., on action of jaborandi, 9, 448, rep.
- The action of jaborandi on the heart, 10, 187-201
- The action of pilocarpin on the submaxillary gland of the dog, 11, 173-180
- Langlois & Rehn, on suprarenal bodies during foetal life, 33, 683 (ref. only)
- Lankester, E. Ray, Preliminary notice of some observations with the spectroscope on animal substances, 2, 114-16
- on an orifice of Limpet (*Patella vulgata*) 2, 406, rep.
- Abstract of a report on the spectroscopic examination of certain animal substances, 4, 119-29
- on a discussion of the term Homology, 5, 198-9, rep.
- on organisation of Oligochaetous Annelids, 5, 387, rep.
- on haemoglobin in muscle, 6, 241, rep.
- on actions of gases and vapours on erythrocytes, 6, 438, rep.
- on various invertebrata, 7, 338, rep.
- on haemoglobin, 7, 346, rep.
- on taxonomic significance of primitive cell layers of the embryo, 8, 170, rep.
- on development of the eye in cuttle fish, 9, 207, rep.
- on development of cephalopoda, 9, 403, rep.
- The vascular system of branchiobdella, and the blood-corpuscles of the earthworm, 12, 591-2
- see also Moseley, Henry N. and Lankester, E. Ray
- Lannalogue, Circulation in walls of heart, 3, 207, rep.
- Lannalogue, O. & le Dentu, A., on the costo-pericardiac ligament, 3, 200, rep.
- Lannigan, R. & Zaki, S. A., The ultrastructure of the human auricle, 99, 930-1, P.
- Lansing, A. I., editor *Coxsack's Problems of ageing: biological and medical aspects*, 3rd ed., 1952. 87, 214-15, rev.
- Lanzing, W. J. R., see Lennep, E. W. van
- Lapicque, on relation of brain weight to body weight, 33, 352 (ref. only)
- Laptschinsky, on the chemistry of the lens, 11, 549, rep.
- Laqueur, on permeability of cornea to fluids, 7, 189-90, rep.
- on micrometry of posterior part of the eye, 8, 400, rep.
- Larcher, J. F., on inter-maxillary bones, 2, 393, rep.
- on ossification of the sternum, 3, 195, rep.
- Lardennois, Duodenal stenosis, 1 case, 34, 419-20, rep.
- Larkin, F. C., Accessory phrenic nerve, 23, 340
- Larkins, on a case of complete transposition of the viscera, 43, 121, rep.
- Larmuth, Leopold, On the poisonous activity of vanadium in ortho-, meta-, and pyro-vanadic acids, 11, 251-4
- see also Gamgee, A.
- Gamgee, A. & Priestley, J.
- Larrier, see Letulle
- Lartschneider, J., *Krebs im Lichte Biologischer und vergleichend Anatomischer forschung*. I. Band, *Ectodermkrebs*, 1934. 68, 577, rev.
- Lascelles, A. K., see Heath, T. J. & Morris, B.
- Laschkewitsch, on researches on the calabar bean, 1, 155, rep.
- on cause of death, after varnishing skin, 3, 216-17, rep.
- Laschkewitsch, N., action of cyanogen on blood, 3, 469, rep.
- Lasnitzki, A., Investigations on the conversion of lymph-nodes in haemolymph-nodes, 83, 59, P.
- Lasnitzki, A. & Woodhouse, D. L., The effect of 1:2:5:6-dibenzanthracene on the lymph nodes of the rat, 78, 121-29
- Lassar, Q., on the alkalinity of the blood, 9, 222, rep.
- Lassek, A. M., *Human dissection: its drama and struggle*, 1958. 93, 139, rev.
- Last, R. J., The popliteus muscle and the lateral meniscus, 84, 62, P.
- Human cardiac veins, 92, 645, P.
- Latham, Arthur, Absence of gall-bladder, 32, xxxix-xl, P.
- & Jaffrey, F., Abnormal spleen, 32, xxxiv, P.
- Latham, R. A., Skull growth in the Rhesus monkey (*Macaca mulatta*), 92, 654, P.
- Observations on the growth of the cranial base in the human skull, 100, 435, P.
- see also Burston, W. R.
- Latruffe, E., Displaced kidney, 31, 460, rep.
- Latschenberger, J., see Czerney, V.

Author Index

- Latta, H.**, Rapid method for localization of tissue structure or lesions for electron microscopy, 93, 577, P.
Aspects of the mechanism of fluid transport in renal tubules, 93, 577, P.
- Latter, O. H.**, Abnormal development of genito-urinary system of *Lepus cuniculus*, 23, 650
- Latzko**, see Sternberg
- Lauber, H.**, Partial persistence of the posterior cardinal vein, 36, 305, rep.
- Lauder, Brunton, T.**, see Brunton, T. Lauder
- Launay**, on transposition of upper abdominal viscera, 29, 467, rep.
- Launay, P.**, on lumbar ribs, and six pieces of sacrum in same subject, 28, 375, rep.
- Launois**, Several cases of dwarfs, 38, 362, P.
- Launois, P. E. & Roy, Pierre**, *Études biologiques sur les géants*, 1904. 39, 369, rev.
- On giants, 40, 292, rep.
- & Villaret, Abnormalities of the sigmoid valves of the heart, 40, 299, rep.
- Laura, G.**, Researches on the minute structure of the spinal cord, 16, 303, anat. not.
- Laurent**, see Oulmont
- Laurie, E.**, on temperature in health, 8, 427, rep.
- Lauzzi**, on topography of the middle meningeal artery, 33, 682 (ref. only)
- Lavasture, Laignel**, see Laignel-Lavasture
- Lavdowsky**, on nerve endings in urinary bladder of frog, 7, 170, rep.
- Lavy**, see Gallavardin
- Law, M. E.**, Nuclear changes following section of the glossopharyngeal nerve of the pig, 85, 424, P.
see also Fitzgerald, M. J. T.
- Law Webb, T.**, see Webb, T. Law
- Lawes, J. B. & Gilbert, J. H.**, on conversion of carbohydrates and protein to fat in herbivora, 1, 184-5, abs.
on the source of fat in the body of pigs, 1, 359, rep.
On the formation of fat in the animal body, 11, 577-88
- Lawn, A. M., Chiquoine, A. D. & Amoroso, E. C.**, The ultrastructure of the placenta of the sheep and goat, 97, 306, P.
- & Chiquoine, A. D., The ultrastructure of the placental labyrinth of the ferret (*Mustela putorius furo*), 99, 47-69
- Lawrence, T. W. P.**, Two hearts with abnormal valves, 25, xv-xvii, P.
on a double monster, agnathia and clefts of face and palate, 27, xiv-xvii, P.
on position of optic commissure, 28, xviii-xx, P.
Demonstration of a lung with abnormal lobe, 31, xxx-i, P.
Case of anomalous kidney and ureter, 31, 599-606; 31, xxxv, P.
High division of brachial artery, with reunion of branches, 35, xx, P.
Preparations of parts from a case of progressive muscular atrophy and an abnormal lung, and double vagina and uterus, 40, xi, P. (t.o.)
- & Nabarro, David, A case of congenital malformation of the heart, with abnormalities of the abdominal viscera: absence of spleen, absence of hepatic section of inferior cava, 36, 63-75; 36, xxvi, P.
- Lawrie, J. H.**, The new Hebrideans, in *Scottish Geographical Magazine*, June, 1892. 29, 141, 142, rev.
- Lawson, H.**, on the anatomical relations of the ciliary muscle in birds, 4, 160, rep.
- Laycock, Thomas**, *Mind and brain: or the correlations of consciousness and organization*, 2 vols. 2nd ed. 1869. 4, 148, rev.
- Lazorthes, G.**, *Le système neurovasculaire*, 1949. 85, 102-3, rev.
- Leaf, Cecil H.**, Method of preparing lymphatics for dissection, 33, 210, abs.
The surgical anatomy of the lymphatic gland, 33, 354-5, rev.
- Liver, showing a linguiform projection of the right margin, 33, xviii-xx, P.
- Leakey, L. S. B.**, Fossil teeth of miocene anthropoid, 67, 207, P.
see also Clark, W. E. Le Gros
- Leaming, D. B. & Cauna, N.**, Qualitative and quantitative studies of the myenteric plexus in the small intestine of the cat, 94, 451-2, P.
A qualitative and quantitative study of the myenteric plexus of the small intestine of the cat, 95, 160-9
- Leared, Arthur**, on presence of sulphocyanides in blood and urine, 4, 181, rep.
- Learmonth, J. R.**, A variation in the distribution of the radial branch of the musculo-spiral nerve, 53, 371-2
The innervation of the lower end of the ureter, 71, 153, P.
- Leber**, on condition of the circulation in the optic nerve and in the retina, 7, 344, rep.
- Leber, T.**, on change of fluids in the eye, 8, 400, rep.
- Le Blanc**, on asphyxia through insufficiency of oxygen, 9, 232, rep.
- Leblond, C. P.**, Localization of newly administered iodine in the thyroid gland as indicated by radioiodine, 77, 149-52
- Leblond, P. C.**, see Albert, S.
- Leboucq, G.**, The relation between weight and cortex of the human brain, 61, 501, P.
- Leboucq, H.**, Malformations of the hands, 31, 462, rep.
The ossification of the terminal phalanges of the fingers in relation with hyperphalangy, 31, xxxvii, P. (t.o.)
on the ossification of the terminal phalanges of mammalian fingers, 32, ii-iii, P.
- Le Dantec & Maucclair**, on a case of symmetrical congenital deformity of the hands, 43, 124, rep.
- Le Dentu**, Pathogeny of congenital deformities of the face, 44, 98, rep.
- Le Dentu, A.** see Lannelongue, O.
- Ledingham**, Finger-prints, 36, 94, A.U.A.A.S.
- Ledouble**, on the lacrymal bone, 35, 123, abs. anat. not.
Osseous variations, 38, 365, P.
- Le Double, A.**, on sternalis muscle, 26, 441, rep.
- Le Double, A. F.**, *Traité des variations de système musculaire de l'homme, et leur signification au point de vue de l'anthropologie zoologique*, 1897. 32, 608-11, rev.
- Traité des variations des os du crâne de l'homme, et de leur signification au point de vue de l'anthropologie zoologique*, 1903. 38, 375-6, rev.; 38, 365, rep.
- Leduc, Elizabeth H. & Dempsey, E. W.**, Activation and diffusion as factors influencing the reliability of the histochemical method for alkaline phosphatase, 85, 305-15
- Lee McGregor, A.** see McGregor, A. Lee
- Lee, D. G.** see Smith, R. N. & King, A. S.
- Lee, I. N.** A case of sympodia, 89, 570, P.
- Lee, J. & Ring, P. A.** The effect of maternally administered cortisone upon the pancreas of the foetus, 90, 583, P.
- Lee, R. J.**, Observations on the ciliary muscle in fish, birds, and quadrupeds, 3, 14-23
on sight in birds, 7, 170, rep.
on vision in birds, 7, 344, rep.
on sight in birds, 8, 173, rep.

Author Index

- Lee, W. G., & White, C. P., on muscles, digastric accessory posterior belly and levator glandulae thyroideae, 26, v, P.
- Lee, W. R., Appositional bone formation in canine bone: a quantitative microscopic study using tetracycline markers, 98, 655-77
see also Osmond, D. G. Roylance, P. J., Ramsell, T. G. & Yoffey, J. M.
- Leedham-Green, C. A., The sphincters of the bladder, 43, i, P. (June 1908) (t.o.)
- Leeson, C. R. & Jacoby, F., Alkaline phosphatase reaction of the myoepithelial cells in the rat submaxillary gland, 91, 579, P.
An electron microscope study of the rat submaxillary gland during its post-natal development and in the adult, 93, 287-95; 92, 659, P.
see also Jacoby, F.
- Leeson, T. S.
Leeson, T. S., Electron microscopy of the developing kidney: an investigation into the fine structure of the mesonephros and metanephros of the rabbit, 94, 100-6; 91, 584-5, P.
- & Baxter, J. S., The correlation of structure and function in the mesonephros and metanephros of the rabbit, 91, 383-90; 91, 578, P.
- & Leeson, C. R., Observations on the histochemistry and fine structure of the notochord in rabbit embryos, 92, 278-85; 92, 636, P.
The chorio-allantois of the chick. Light and electron microscopic observations at various times of incubation, 97, 585-95
A light and electron microscope study of developing respiratory tissue in the rat, 98, 183-93
see also Ham, A. W.
- Sims, A. L.
- Lefas, Cardiac malformation, 39, 505, rep.
- Lefort, on the urea content of milk, 1, 159, rep.
- Legg, J. Wickham, Observations on the physiological action of the hydrochlorate of cotarnamic acid, 5, 257-64
Experiments as to the causes of the presence of bile pigment in the urine, 7, 165
on changes in the liver after ligation of bile duct, 8, 420-1, rep.
on slow pulse in jaundice, 11, 552-3, rep.
- Le Goff & Ramonat, on the cellular elements of tendon, 9, 392-4, rep.
- Legouis, P., on pancreas of osseous fish and tubes of Weber, 7, 338, rep.
- Le Gros Clark, W. E., see Clark, W. E. Le Gros
- Legros & Onimus, on movements of the intestine, 4, 186-7, rep.
on excretion of urea under influence of electric currents, 4, 321, rep.
on choreiform movements and reflex action of electricity, 6, 221, rep.
on physiological experiments on vagus, 7, 343, rep.
see also Dubrueil
- Legros, Charles, on anatomy and physiology of erectile tissue, 2, 397, rep.
on epithelial lining to the blood vessels [endothelium], 3, 200, rep.
on epithelium of secretory bile ducts, 9, 205, rep.
- & Magitot, E., on the origin and formation of the dental follicle in mammalia, 8, 387, rep.
- Lehman-Nitsche, Malformation of the face, 36, 302-3, rep.
A case of brachyphalangy, 39, 509, rep.
- Lehmann, H., On the determination of the animal heat in puerperal processes, 1, 367, abs.
- Lehnert, Max, on fibres of Purkinje, 3, 200, rep.
- Leicher, Hans, *Vererbung anatomischer Variationen der Nase, ihrer Nebenhöhlen und des Gehörorgans*, 1928. 63, 499-500, rev.
- Leichtenstern, on volume of air expired under experimental conditions, 6, 483-4, rep.
- Leidesdorf, on action of papaverine, 3, 223, rep.
- Leidy, J., on polydactylism in horse, 7, 332, rep.
- Leigh, R., Note on a method of preserving blood-corpuses for microscopical examination, 22, 497
- Leighton Kesteven, H., see Kesteven, H. Leighton
- Leishman, Specimens from the Museum of the Royal Army Medical College, 43, vi, P. (March 1908) (t.o.)
- Léjars, on diverticula in branchial fistula, 27, 418, rep.
- Lengnick, on the os Kerckringii, 33, 350 (ref. only)
- Lennander, K. G., Om appendicit, in *Nord, med. Ark.*, Band III, 1893. 28, 384-5, rev.
- Lennepe, E. W. Van, Intestinal mucosa and digestive secretion in the long-nosed bandicoot (*Perameles nasuta Geoffroi*) 97, 488, P.A.S.A.N.Z.
- & Lanzing, W. J. R., The fine structure of the salt gland in fishes, 100, 943, P.A.S.A.N.Z.
- Lennon, G. G., Stages in the life-history of the basophil cells of the hypophysis cerebri, 71, 151, P.
- Lenoble & Civel, A case of congenital dermoid cyst of the neck, 34, 416, rep.
- Lenormant, Dermoid cyst of sternum, 39, 504, rep.
- Lenormant, C. & Durand-Viel, P., Inversion of the viscera, 35, 499, rep.
- Leof, D., see Spencer, H.
- Leong, Chan Heng, see Kanagasuntheram, R. & Mahran, Z. Y.
- Leonowa, O. von, on anencephaly, 28, 371, rep.
on changes in brain, secondary to anophthalmia and optic atrophy, 28, 374-5, rep.; 28, 380, 381, rev.
- Anophthalmia, 32, 788, rep.
- Leonowa-Moskau, O. V., Sense organs and ganglia in anencephalus, 30, 460, rep.
- Leopold, G., on the lymphatics of the normal non-pregnant uterus, 8, 391-2, rep.
- Lepeschkin, W., *Kolloidchemie des Protoplasmas*, 2nd ed. 1938. 73, 348, rev.
- Lepine, on distribution of amylases in tissues and salivary glands, 6, 247, rep.
on gases of blood, 7, 346, rep.
on effects of stimulation of cerebrum on heart rate, 11, 187, rep.
- Lepine, R., on structure of perivascular canals in brain, 4, 159, rep.
on site of formation of acid in gastric section, 8, 416, rep.
- Lepine, Rochefontaine & Tridon, on effects of stimulation of the cerebral cortex on blood-pressure, heart and salivation, 10, 620, rep.
- Lepow, H., see Zaino, C., Poppel, M. H. & Jacobson, H. G.
- Leremboure, see Lacasse
- Leriche, see Poncet
- Lesage, see Petit
- Lesbre, Pygomelia in two cows, a cock and a duck, 37, 303, rep.
- Lesbre & Forgeot, A case of acephaly in a calf, 37, 302, rep.
A case of true hermaphroditism, 38, 363, P.
An account of syncephalous calf, 38, 365, P.
On bull-dog calves, 40, 293, rep.
on hypsiloid and xioid monsters, 42, 135-6, rep.
on omphalosites, 43, 117, rep.
- & Gilly, An ischio-ectopagous monster in a kid, 44, 97, rep.

Author Index

- Lesbre, F. X., The anatomy of deradelphous lamb, 36, 301, *rep.*
- Leslie, George, On the dentition of *Hypsiprymnus (Bettongia) penicillatus*, Gray, 13, 546-8
- Lesser, on method of obtaining large quantities of lymph, 7, 184-5, *rep.*
- Uterus duplex with cloaca, 34, 420, *rep.*
- Lesser, L., on accommodation of blood vessels for large quantities of blood, 10, 645, *rep.*
- on transfusion and autotransfusion, 10, 645, *rep.*
- on the distribution of the coloured blood-corpuscles in the blood stream, 13, 123-4, *abs.*
- Lesshaft, On the situation of the stomach, and the relation which exists between its form and its functions, (1200 subjects), 16, 303-4, *anat. not.*
- Lesshaft, P., on m. orbicularis orbitae [orbicularis oculi], 3, 198, *rep.*
- Die Lumbal-gegend in anatomisch-chirurgischer Hinsicht* [Archiv, Anat. Physiol, 1870. 264-99], 5, 372-3, *rev.*
- on muscles and fasciae in the region of the urethra, 8, 160-1, *rep.*
- Lester, K. S., The Hunter-Schreger bands of enamel, 97, 491-2, *P.A.S.A.N.Z.*
- A carbon replica study of fractured dentinal surfaces, 100, 924, *P.*
- Light optical effect associated with the decussation of enamel prisms, 100, 925, *P.*
- Letheby, H., *On Food*, 4, 323, *rep. (book)*
- Letulle, Heart with single ventricle, 39, 505, *rep.*
- on malformations of the duodenum, 33, 684 (*ref. only*)
- Diverticula of the duodenum and oesophagus, 2 cases, 34, 420, *rep.*
- & Larrier, on the Vaterian region of the duodenum, 33, 353 (*ref. only*)
- Letzerich, on the absorption of fat and albumen in the intestine, 1, 361, *rep.*
- on epithelial and gland cells in vertebrate, 2, 173, *rep.*
- Letzerich, L., on nerves of the testis, 3, 199, *rep.*
- on endings of nerves of taste, 3, 451, *rep.*
- Leube, W., on digestive action of intestinal juice, 3, 229, *rep.*
- Leuzzi & Pellegrini, on fourteen cases of cervical cyst, 42, 137, *rep.*
- Leven, on physiological action of carbon dioxide, 4, 311-12, *rep.*
- on the digestion of alimentary substances, 9, 234, *rep.*
- on the intestinal juice, 9, 426, *rep.*
- Leven, M., on the action of theine, 3, 224, *rep.*
- on action of caffeine, 3, 224, *rep.*
- Levene, C., Pattern of cartilage canals in the upper tibial epiphyses of foetal sheep, 88, 561, *P.*
- Critical staining of pancreatic alpha granules with phosphotungstic acid haematoxylin, 97, 647, *P.*
- The patterns of cartilage canals, 98, 515-38
- Lever, J. D., Observations on the adrenal blood vessels in the rat, 86, 459-67
- Studies on the maintenance *in vitro* of embryonic and neonatal rat and mouse adrenals, 88, 567, *P.*
- Adreno-cortical histogenesis in the rat: with observations on lipid and ascorbic acid distribution, 89, 293-300
- Some electron microscope appearances of the rat adrenal medulla, 90, 569, *P.*
- The fine structure of adreno-cortical mitochondria, 90, 589-90, *P.*
- Fine structural appearances in the rat parathyroid, 91, 73-81
- Preliminary findings in an electron microscopic investigation of the rat parathyroid, 91, 570, *P.*
- Changes in the guinea-pig pancreas after cobalt treatment, 95, 610, *P.*
- A combined light- and electron-microscope study of the normal, hypertrophic and activated rat parathyroid, 92, 650, *P.*
- A histochemical and electron microscopic study of the thyroid gland in the normal and hypophysectomized rat, 92, 675, *P.*
- Fine structural appearances in relation to function in certain secretory cells, 93, 578, *P.*
- Metal staining in certain synaptic vesicles—a preliminary study, 96, 422, *P.*
- , Ahmed, M. & Irvine, G., Neuromuscular and intercellular relationships in the coronary arterioles. A morphological and quantitative study by light and electron microscopy, 99, 829-840
- , Boyd, J. D. & Lewis, P. R., The fine structure of the carotid body glomus cell in the rabbit, 91, 594, *P.*
- & Duncomb, P., The detection of intracellular iron in rat duodenal epithelium, 93, 578, *P.*
- & Esterhuizen, A. C., Islet cell cytology in the normal and cobalt chloride-treated guinea-pig, 95, 284, *P.*
- & Findlay, J. A., Specific granularity in the pancreatic β -cells of the starved and free-fed guinea pig. A quantitative assessment, 98, 55-62; 98, 289-90, *P.*
- , Randle, P. J. & Gill, J. R., Evidence for islet-cell survival during the short-term maintenance of rabbit pancreas *in vitro*, 99, 934, *P.*
- & Ford, E. H. R., An histological, histochemical and electron microscopic study of synovial membrane, 92, 641-2, *P.*
- & Graham, J. D. P., Nerve terminals in the nictitating membrane and in relation to pancreatic arterioles: a comparison by electron microscopy, 98, 473-4, *P.*
- , Irvine, G. & Chick, Wendy J., The vesiculated axons in relation to arteriolar smooth muscle in the pancreas. A fine structural and quantitative study, 99, 299-313
- & Jeacock, Marjorie, Observations on islet-cell cytology in the pancreas of the normal and diabetic cat, 93, 571, *P.*
- Further studies on the endocrine pancreas of the metahypophyseal diabetic cat, 94, 293, *P.*
- , Lewis, P. R. & Boyd, J. D., Observations on the fine structure and histochemistry of the carotid body in the cat and rabbit, 93, 478-90
- see also Boyd, J. D. & Johnson, F. R.
- Cater, D. B.
- Findlay, J. A. *et al.*
- Irvine, G. & Ahmed, M.
- Spriggs, T. L. B., Rees, P. M. & Graham, J. D. P.
- Lévi, see Barth
- Levi, C., Brain in the case of idiocy, 32, 787, *rep.*
- see also Claisie, P.
- Levick, G. M., The role of the vastus internus, 67, 195-6, *P.*
- On the arch-raising role of certain intrinsic muscles of the foot, 67, 196-7, *P.*
- Levy, A. G., Absence of pectoral muscles with defective ribs, 34, 418-19, *rep.*
- Lewaschow, S., on the influence of nerves on the nutrition of the vessels and the production of aneurism, 16, 144, *rep.*
- Lewes, G. H., on sensation in the spinal cord, 8, 400, *rep.*
- Lewin, L., on bile pigments in urine, 9, 440, *rep.*
- on the action of aconitin on the heart, 10, 209-10, *rep.*

Author Index

- Lewinsky, W. & Stewart, D., The innervation of the dentine, 70, 349-53
- The innervation of the periodontal membrane, 71, 98-102
- The innervation of the periodontal membrane of the cat, with some observations on the function of the end-organs found in that structure, 71, 222-35
- End-organs of the periodontal membrane, 71, 154, P. (t.o.)
- The innervation of the human gum, 72, 531-34; 72, 320, P.
- Some observations on the publication by Dr Tiegs entitled 'Further remarks on the terminations of nerves in human teeth', 72, 627-8, *anat. not.*
- The innervation of the gum of *Talpa europea*, 74, 53-6
- see also Stewart, D.
- Lewis, Influence of maternal emotions on foetus, 34, 411, *rep.*
- & Embleton, On split-hand and split-foot deformities, 44, 105, *rep.*
- Lewis, Bevan, On a new freezing microtome for the preparation of sections of the brain and spinal cord, 11, 537-9
- Relationship of nerve cells of cortex to lymphatic system of the brain, 13, 268 (t.o.); comment by Turner, 13, 280
- Application of freezing methods to the microscopic anatomy of the brain, 13, 268 (t.o.); comment by Turner, 13, 283
- On the comparative structure of the cortex cerebri, 13, 267 (t.o.); comment by Turner, 13, 280
- & Clarke, H., On the cortical lamination of the motor area of the brain, 13, 267 (t.o.); comment by Turner, 13, 279
- Lewis, B. V. & Harrison, R. G., An early presomite human embryo, 99, 424, P. (dem.)
- A presomite human embryo showing a yolk-sac duct, 100, 389-96
- Lewis, C. W. D. & Parry, J. N. M., A double aortic arch in man, 81, 397, P.
- Lewis, H. F., Iniencephalus, 32, 783, *rep.*
- Lewis, O. J., The development of the circulation in the spleen of the foetal rabbit, 90, 282-9; 90, 569-70, P.
- The form and development of the blood vessels of the mammalian cerebral cortex, 91, 40-6
- The blood vessels of the adult mammalian spleen, 91, 245-50
- The development of the blood vessels of the metanephros, 92, 84-97
- The vascular arrangement of the mammalian renal glomerulus as revealed by a study of its development, 92, 433-40
- The tubercle of the tibia, 92, 587-92
- The coraco-clavicular joint, 93, 296-303
- The comparative morphology of M. flexor accessorius and the associated long flexor tendons, 96, 321-33
- The monotreme cruro-pedal flexor musculature, 97, 55-63
- The homologies of the mammalian tarsal bones, 98, 195-208
- The tibialis posterior tendon in the primate foot, 98, 209-18
- The phylogeny of the cruropedal extensor musculature, with special reference to the primates, 100, 865
- see also Barnett, C. H.
- Lewis, P. R., The pattern of myoneural junctions in the developing tadpole *Xenopus laevis*, 93, 569, P.
- & Hughes, A. F. W., Some effects of axon severance in cholinergic neurones of *Xenopus* larvae, 95, 287, P.
- & Shute, C. C. D., Localization of cholinesterases in the forebrain of rat, 93, 584, P.
- Electron-microscopic distribution of cholinesterase in cholinergic neurones, 99, 941, P. (dem.)
- see also Grillo, T. A. I.
- Hughes, A. F.
- Lever, J. D. & Boyd, J. D.
- Navaratnam, V. & Shute, C. C. D.
- Perrotta, C. A.
- Shute, C. C. D.
- Lewis, Thomas, Further observations on the functions of the spleen and other haemolymph glands, 38, 144-57
- Observations upon the distribution and structure of haemolymph glands in mammalia and aves, including a preliminary note on thymus, 38, 312-24
- The interpretation of the primary and first secondary wave in sphygmograph tracings, 41, 137-40
- Lewis, W. H. & Gregory, P. W., Early development of the rabbit ovum, 68, 141, P. (t.o.)
- Lewisson, on inhibition by sensory stimulation of motor nerve centres, 4, 324, *rep.*
- on effects of poison on saline perfused frogs, 5, 395, *rep.*
- Lewitzky, C., on the substances which increase temperature of animal body, 8, 428, *rep.*
- Lex, R., on decomposition of uric acid by bacteria, 7, 356, *rep.*
- Lexer, On dermoids, foetal inclusions and teratoid tumours of the abdomen, 36, 301-2, *rep.*
- Leyden, on blood pressure in cranium in dogs, 1, 360, *rep.*
- on respiration in fever, 5, 404, *rep.*
- see also Jacobson
- Jacobson & Bernhardt
- Leydig, on organ of hearing in *Gasteropoda*, 6, 443, *rep.*
- Leydig, F., on structure and development of teeth in snakes of Germany, 7, 338, *rep.*
- on glands and skin of ophidians, 8, 177, *rep.*
- Li, Pei-Lin, The intramural nervous system of the small intestine with special reference to the innervation of the inner subdivision of its circular muscle, 74, 348-59
- Libman, L. J. & Sutherland, S. D., An investigation into the intrinsic innervation of the pancreas, 99, 420-1, P.
- The intrinsic innervation of the pancreatic ducts and the M. sphincter ampullae, 100, 441, P.
- Liborius, on the quantitative estimation of albumen, 7, 358, *rep.*
- Lichem, Two cases of foetus papyraceus, 37, 302, *rep.*
- Lichtenstern, Case of a male adult with cleft scrotum, 44, 102, *rep.*
- Lichtheim, on the influence of spinal cord in secretion of bile, 2, 414, *rep.*
- Lichtig, I., *Die Entstehung des Lebens durch stetige Schöpfung* (The origin of life by continuous creation) 1938. 73, 501, *rev.*
- Lickley, J. Dunlop, Connections of seventh and eighth ribs with the sternum, 39, 505, *rep.*
- On the relations of the seventh and eighth ribs to the sternum in man, 37, lxxviii, P. (t.o.)
- On the influence of the patella in extension of the knee-joint, 38, 68-70
- On the morphology of the human inter-transverse muscles, 39, 90-8
- & Cameron, J., Note on a case of abnormal disposition of the peritoneum, 41, 88-90; 41, 1, P. (June 1906) (t.o.)

- Liddell, E. G. T., *The discovery of reflexes*, 1960, 95, 146-7, *rev.*
- Liddon, Transposition of the viscera, 39, 499, *rep.*
- Liebe, Two cases of true bilateral hermaphroditism, pigs, 39, 500, *rep.*
- Lieberkuhn, N., on action of alizarin on animal tissues, 9, 443-4, *rep.*
- Liebermann, on a model of respiratory movements and pulmonary circulation, 6, 483, *rep.*
- Liebermann, L., on choletelin and hydrobilirubin, 10, 650, *rep.*
- Liebermeister, on regulation of body temperature, 6, 238, *rep.*
- Liebig, G. von, on influence of change of atmospheric pressure on the body, 6, 234, *rep.*
- Liebow, Averill A., *see* Bloomer, W. & Hales, M.
- Liebrecht, on fever after transfusion, 9, 247, *rep.*
- Liebreich, on protagon, 1, 155, *rep.*
on croton-chloral, 6, 494-5, *rep.*
- Lightbody, W. H., Observations on the comparative microscopic anatomy of the cornea of vertebrates, 1, 15-43
- Lightoller, G. H. S., Facial muscles. The modiolus and muscles surrounding the rima oris with some remarks about the panniculus adiposus, 60, 1-85; 59, 109, *S.P.*
The action of the M. mentalis in the expression of the emotion of distress, 62, 319-32
The facial muscles of three orang utans and two cercopithecidae, 63, 19-81
The comparative morphology of the platysma. A comparative study of the sphincter colli profundus and trachelo-platysma, 74, 390-6
The comparative morphology of the M. caninus, 74, 397-402
Matrices of the facialis musculature: homologization of the musculature in monotremes with that of marsupials and placentals, 76, 258-69
see also Burkitt, A. St. N.
- Lillie's *Development of the Chick—an introduction to embryology*, (revised by Hamilton) 3rd ed. 1952, 87, 217, *rev.*
- Lilwall-Cormac, Wide fissure of the sternum, 38, 367, *rep.*
- Lindeman, A., on nerve-endings in the laryngeal mucous membrane, 4, 304, *rep.*
- Linder, J. E., *see* Fearnhead, R. W.
- Lindgren, H., on structure of the kidney, 3, 202, *rep.*
The structure of the human uterus, 3, 244-5, *n.*
- Lindner, J. editor, *Histochemische Methodik des Nachweises von Polysaccharidkomponenten in Schleimstoffen und Grundsubstanzen*, 1965, 100, 418, *rev.*
- Lindsay, H. A. & Barr, M. L., Further observations on the behaviour of nuclear structures during depletion and restoration of Nissl material, 89, 47-62
- Lindsay, H. C., An abnormal vena hemiazygos, 59, 438
- Lindström, J., *see* Bränemark, P. -1.
- Linell, Eric A., The distribution of nerves in the upper limb, with reference to variabilities and their clinical significance, 55, 79-112
- Linzell, J. L., The silver staining of the myoepithelial cells, particularly in the mammary gland, and their relation to the ejection of milk, 86, 49-57
- Liouville, *see* Voisin
- Lipmann, on nerve-endings in the cornea, 4, 305, *rep.*
- Lipschutz, Alexander, A note on a case of bifid penis, 58, 254-5
- Lison, L., *Histochimie animale, méthodes et problèmes*, 1936, 70, 443-4, *rev.*
- Lisowski, F. P., Certain growth changes in the primate talus, 99, 917-18, *P.*
The Kiik-Koba neanderthal foot, 99, 938, *P. (dem.)*
- Lister, Sir J. (later Lord), Ligature of arteries on the antiseptic system, 3, 393
- Lith, van der, on contributions to the knowledge of blood-corpuscles, 1, 363, *n.*
- Little, J. F., The depth of the cortex of the kidney, 22, xxvi, *P.*
- Litzmann, C. C. T., on death in puerperium, extropia vesicae, 8, 171, *rep.*
- Liversidge, Archibald, Note upon kryptophanic acid, 6, 422-5
On the amylolytic ferment of the pancreas, 8, 23-9
Livi, on geographical distribution of anthropological characters in Italy, 33, 685 (*ref. only*)
- Livingston, R. M., A case of conjoined twins, 94, 573-4, *P.*
- Livini, on variations in the nasal bone, 33, 350 (*ref. only*)
Glycogen in the human embryo and foetus, 61, 506-7, *P.*
- Livini, F., *see* Chiarugi, G.
- Livom, C. *see* Cazaneuve, P.
- Ljungqvist, A. & Lagergren, C., Normal intrarenal arterial pattern in adult and ageing human kidney, 96, 285-300
- Llewellyn, Gwladys, The primordial cranium of *Hyrax procavia*, 59, 84-7, *S.P.*
Reconstructions of spleen at various ages, 65, 172-3, *P.*
- Llewellyn, Miss, *see* Fawcett, E. & Dobson, Mrs
- Lloyd, E. G., *see* Brookes, M.
- Lloyd, J. B. & Beck, F., An investigation of the purity of different commercial samples of some acid disazo dyes, 97, 308, *P.*
The identification of disazo dyes, 97, 639, *P.*
see also Beck, F.
- Lloyd, R. J., The genesis of vowels, 31, 233-9
The interpretation of the phonograms of vowels, 31, 240-51
- Lloyd-Jacob, Marny A. & Scott, Patricia, The value of vaginal smear technique in following the reproductive cycle of the female cat, 89, 565-6, *P.*
- Lobban, Mary C., Some observations on the intracellular lipid in the kidney of the cat, 89, 92-9
- Löbisch, on sulphur-containing constituents of urine, 6, 467, *rep.*
- Lockenberg, E., on respiratory movements, 8, 203, *rep.*
- Lockhart Gibson, *see* Gibson, J. Lockhart
- Lockhart, R. D., demonstration models of larynx, mid-cranial fossa and related structures and congenital absence of the gall-bladder, 61, 516, *P.*
The dural relations of the Gasserian ganglion with reference to a new method of surgical approach, 62, 105-7
Congenital absence of the gall-bladder, 62, 108-9
The anterior commissure of the brain, 63, 174-5, *P.*
Variations coincident with congenital absence of the zygoma (zygomatic process of temporal bone), 63, 233-6; 63, 172, *P.*
Complete double aortic arch, 64, 189-93; 64, 124, *P.*
Movements of the normal shoulder joint and of a case with trapezius paralysis studied by radiogram and experiments in the living, 64, 288-302; 64, 124, *P.*
Appointed to Chair of Anatomy, University of Birmingham, 66, 271
The acrobat in radiogram and cinema, 67, 205-6, *P.*; 66, 149, *P. (t.o.)*
A further note on movements of the shoulder-joint, 68, 135-7, *P.*

Author Index

- Lockhart, R. D.**, Muscles in action—surface anatomy by cinema, 68, 145, *P.*
 A method of mounting the vertebral column, 69, 152, *P. (dem.)*
 The applied anatomy of the larynx and middle cranial fossa, demonstrated by models made of plastic wood, 70, 189, *P.*
 X-rays of the diaphragm and X-ray photographs and footprints of adult feet, 71, 160, *P. (dem.)*
 Mobile articulation of the shoulder girdle and other joints, 72, 319–20, *P.*
Living anatomy. A photographic atlas of muscles in action and surface contours, 1948, 83, 176–7, *rev.*
 Voluntary eversion of the eyelids, 83, 84, *P.*
 A brief note upon the trapezius muscle, 84, 406–7, *P.*
 Mobility of the arch of the foot, 92, 666–7, *P.*
 — & **Anderson, G.**, A case of lateral syndrome of the medulla, 66, 149, *P.*
 — & **Brandt, W.**, Length of striated muscle-fibres, 72, 470, *P.*
 —, **Hamilton, G. F. & Fyfe, F. W.**, *Anatomy of the human body*, 1959, 94, 281–2, *rev.*
Lockhart Gillespie, A., see Gillespie, A. Lockhart
Lockwood, C. B., The development of the great omentum and transverse mesocolon, 18, 257–64
 The anatomy of the muscles ligaments and fasciae of the orbit, including an account of the capsule of tenon, the check ligaments of the recti and of the suspensory ligament of the eye, 20, 1–25
 The development and transition of the testis, normal and abnormal, part I, 21, 635–64; part II, 22, 38–77; part III, 22, 464–77; part IV, 22, 505–41
 on method of mounting frozen sections in photographic glasses, 22, vi, *P.*
 Descent of testis, demonstration of specimen, 22, xxvi, *P.*
 Abnormality of the fissure of Rolando, 23, xvi–xvii, *P.*
 Synostosis of the vertebrae, 25, iv, *P.*
 on a persistent Müllerian duct, 26, i–ii, *P.*
 Adrenal structures from the inguinal canal, 33, xvi–vii, *P.*
 Upon the presence of adrenal structures in the inguinal canal, 34, 79–83
 Note upon the lymphatics of the vermiform appendix, 34, ix–xiii, *P.* November 1899
 — & **Rolleston, H. D.**, On the fossae round the caecum, and the position of the vermiform appendix with special reference to retro-peritoneal hernia, 26, 130–48
 Situation of vermiform appendix, 25, xviii, *P.*
 — & **Withers, F. E.**, Right aortic arch, 24, iv–v, *P.*
Lockyer, on a woman with abnormalities of reproductive organs, 43, 121, *rep.*
Loening, on a case of absence of the mammary gland of the left side, 43, 119, *rep.*
Loewenhard, Description of right ectopic kidney, 37, 308, *rep.*
Logan, J. E., Rossiter, R. J. & Barr, M. L., Cellular proliferation in the proximal segment of a sectioned or crushed peripheral nerve, 87, 419–22
Logic, D., see McKenzie, J. & Philip, J. F.
Lohman, A. M. H., *The anterior olfactory lobe of the guinea-pig*, 1963, 98, 280, *rev.*
Loisen, E., see Boisin, E.
Lolliot, Jules, on physiological action of arsenic, 3, 471, *rep.*
Lombard, on influence on body temperature of respiration, 3, 215–16, *rep.*
Lomikowsky, influence of bicarbonate of soda on dogs, 9, 237, *rep.*
Lommel, on gelatin plates for spectroscopy, 6, 471, *rep.*
Longmore, D. B., Abdominal and thoracic breathing, 93, 570, *P. (TV dem.)*
 Technique of dissection, 93, 570, *P. (TV dem.)*
 see also Wendell-Smith, C. P. & Engel, C. E.
Longo, A case of divided nose in a child of 8 months, 37, 306, *rep.*
 On the condition of the circle of Willis, 40, 298, *rep.*
Longuet & Péraire, M., A case of malformed ulna and a case of absence of radius, thumb and some of the carpal bones, 36, 306, *rep.*
Loos, see Buchheim
Lopez, E. Vazquez, see Vazquez-Lopez, E.
Lorain, on actions of digitalis, 5, 205–6, *rep.*
 on the effects of blood-letting, 5, 215, *rep.*
Lortet, on the rapidity of blood-current in arteries of horse, 2, 411–12, *rep.*
 on effect of altitude on body temperatures, 4, 331, *rep.*
Lösch, Ferdinand, on action of starch on saliva, 3, 463, *rep.*
Lossen, on the excretion of carbonic acid by the lungs, 1, 359, *rep.*
Loth, The necessity of organising an international bureau with the object of studying the soft parts of primitive races, 61, 501–2, *P.*
Loughridge, J. S. & Blackstock, J. S., Efferent paths to blood vessels, 66, 141–2, *P.*
Louis, R., see Bourret, P.
Lovatt Evans, C. A., see Evans, C. A. Lovatt
Love, J. Kerr, The limits of hearing, 23, 336–9
Lovegrove, F. T., see Paterson, A. M.
Lovell Gulland, G., see Gulland, G. Lovell
Lovell, A. G. Hayes & Tanner, H. H., Synovial membranes, with special reference to those related to the tendons of the foot and ankle, 42, 415–32
 Synovial tendon sheaths, 43, iii, *P.* (July 1907) (*t.o.*)
Lovell, D., see Curran, R. C. & Clark, A. E.
Lóvén, C., on neural control of vasodilatation; experimental study, 2, 194–197, *abs.*
 on papillae of the tongue, 3, 200, *rep.*
 a contribution to our knowledge of the gustatory papillae of the tongue, 3, 242, *n.*
 innervation of heart and blood-vessels, 3, 251, *n.*
 on respiration, 4, 195, *n.*
 on the so-called controlling nervous system, 4, 195, *n.*
 on lymphatic vessels of gastric mucosa, 5, 232, *n.*
Lovett & Nichols, on osteogenesis imperfecta, 42, 133, *rep.*
Low, on epignathus, 43, 117, *rep.*
Low, Alex, Description of a specimen in which there is a rudimentary first rib along with thirteen pairs of ribs and twenty-five pre-sacral vertebrae, 34, 451–7
 Thirty-two-day foetus, 36, 94, *A.U.A.A.S.*
 Transposition of sigmoid colon, 36, 421, *A.U.A.A.S.*
 Development of the lower jaw in man, 39, xxvi–xxix, *P.*
 On the skeletons from short cists found in the North-east of Scotland, 39, li–lii, *P.*
 A note on the crura of the diaphragm and the muscle of Treitz, 42, 93–6
 Description of a human embryo of 13–14 mesodermic somites, 42, 237–51
 The crura of the diaphragm, 43, ii, *P.* (July 1907) (*t.o.*)
 Wax model of the developing lower jaw, 43, iii, *P.* (July 1907)
 Further observations on the ossification of the human lower jaw, 44, 83–95
 on the development of the mandible in a human embryo, 44, ii (*t.o.*)

Author Index

- Low, Alex**, Demonstration of two pregnant uteri, 59, 43, S.P. (t.o.)
- Hermaphroditism in mammals**, 59, 67, S.P.
- Abnormal position of the thyroid gland**, 67, 205, P. (disc. only)
- Demonstration of X-rays and photographs of a case of full-time thoracopagus twins**, 67, 205, P. (t.o.)
- Freemartins**, 81, 386-7, P.
- Growth of children**, 1952. 87, 89-90, rev.
- Low, M. C. & Crook, E. M.**, Reactions of osmium tetroxide with amino acids, 93, 577, P.
- Löwenberg**, on movements of the semicircular canals following section, 8, 188, rep.
- on movements after section of semi-circular canals, 9, 220, rep.
- Löwenberg, B.**, on structure of spiral lamina of the cochlea, 3, 452, rep.
- Löwit, M.**, on quantitative estimation of the fat of milk, 9, 447, rep.
- Lowne, B. P.**, on anatomy of *Ascaris lumbricoides*, 5, 387, rep.
- Lowne, B. Thompson**, *Descriptive catalogue of the teratological series in the museum of the Royal College of Surgeons of England*, 1872. 7, 320-1, rev.
- A note on the mechanical work of respiration, 9, 280-7
- On the quantitative relation of light to sensation,—a contribution to the physiology of the retina, 11, 707-19
- Lozano, I. Del Rio, & Andrews, W. H. H.**, A study by means of vascular casts of small vessels related to the mammalian portal vein, 100, 665-73
- Lubavin**, on artificial digestion of casein and the action of water on albuminous substances, 6, 460, rep.
- Lubimoff**, on development of nerve cells, 8, 181-2, rep.
- Lubimoff, A.**, on sympathetic and cerebro-spinal nervous systems, 9, 204, rep.
- Lublinski**, on doubling of the glosso-epiglottic ligament, 33, 683 (ref. only)
- Lubosch**, on a coraco-antibrachialis muscle in man, 33, 681 (ref. only)
- Lubosch, W.**, editor, *Topographische Anatomie* (Schultze) 3rd ed. c. 1928. 62, 123, rev.
- see also Bolk, L., Göppert, E. & Kallius, E.
- Lucas**, Congenital absence of a upper lateral incisor tooth as forerunner to harelip and cleft palate, 40, 298, rep.
- Lucas Keene, M. F.**, see Keene, M. F. Lucas
- Lucas, A.**, on physiology of hearing, 9, 220, rep.
- Lucas, A. M. & Jamroz, C.**, *Atlas of avian hematology*, Agriculture monograph 25, 1961. 96, 305, rev.
- Lucas, Catherine**, Coalesced kidneys in a rabbit, and the associated anomalies in the circulatory and nervous systems, 68, 270-9
- Lucas, D. B.**, see Morris, J. M. & Benner, G.
- Lucas, R. C.**, on the brachial plexus, 10, 446, rep.
- Lucas, R. Clement**, on a groove of the sphenoid bone, on the medial surface, formed by chorda tympani, 29, ii-iv, P.
- Luchsinger, B.**, on the formation of glycogen in liver, 8, 418, rep.
- on Preyer's myo-physical laws, 8, 423, rep.
- on formation of glycogen in the liver, 9, 238-9, rep.
- on inhibition of action of ferments in the living animal, 10, 654, rep.
- see also Sokolow, O.
- Luchtman, G. J.**, On the structure of the terminal cord of the sympathetic nerve, and of the peripheral portion of that nerve, 1, 363, abs.
- Luciani, L.**, on aperiodic function of the isolated frog's heart, 8, 191-3, rep.
- Il Cervelletto; nuovi studi di fisiologia normale e patologica*, 1891. 26, 568-71, rev.
- Lucien**, The significance of the superior bronchus of the right lung in man, 61, 504, P.
- Lucien & Georges**, The prenatal growth of endocrine organs in man, 61, 505-6, P.
- Lucinescu, E.**, see Popa, G. T.
- Luck, C. P.**, see Allbrook, D. B. & Wright, P. G.
- Ludford, R. J.**, Origin of melanin granules, 59, 89, S.P.
- The Golgi apparatus in relation to secretion, 61, 497, P.
- demonstration of the cytology of secretion, 61, 515, P.
- Lüdtke, H.**, *Praktikum der vergleichenden Zoohistologie*, 1963. 98, 279, rev.
- Ludwig**, Human embryo showing one pair of somites and a neurenteric canal, 61, 514, P. (dem. only)
- & Dittmar, on stimulation of afferent fibres of spinal cord, 6, 219-20, rep.
- & Hafiz, on vasomotor nerves of arteries and muscles, 6, 229-30, rep.
- & Owsjannikow, on position of vasomotor centre, 6, 231, rep.
- see also Cyon
- Dogiel
- Ludwig, C. & Schmidt, A.**, on chemical changes of blood in muscles, 3, 230-1, rep.
- on blood gases in muscles, 4, 172-6, rep.
- & Schweiggerseidel, F., *Die Lymphgefäße der Fascien und sehnen*, 1872. 6, 431, rev.
- Lund, R. D.**, The occipitotectal pathway of the rat, 100, 51-62
- Lunn**, see Rankin, Mackay & Cranke
- Lunn, H. F.**, The comparative anatomy of the inguinal ligament, 82, 58-67
- The inguinal canal in animals and man, 81, 383-4, P.
- Luschka, H. von**, on hymen fimbriatus, 1, 356, rep.
- on adenoid tissue, 2, 398, rep.
- on striped pharyngeal muscles and stricture of the oesophagus, 3, 198, rep.
- Der Schlundkopf des Menschen*, 1868. 3, 444, (rev.)
- on arrangement and structure of mucous membrane of larynx, 3, 455, rep.
- on processus marginalis in zygomatic bone, 4, 150, rep.
- on position and relations of stomach and spleen, 4, 155-6, rep.
- on congenital defect of the oesophagus, 4, 161, rep.
- on the abdominal part of the human oesophagus, 4, 301, rep.
- on muscular arrangements of windpipe (trachea), 4, 301, rep.
- on musculus rectus arytenoideus, 4, 301, rep.
- on veins in the human larynx, 4, 302, rep.
- on nerves of the human larynx, 4, 304, rep.
- on the pubo-transversalis muscle, 5, 193, rep.
- Luschsinger**, on theory of muscular power, 6, 239, rep.
- Lusk**, on levels of blood sugar in carnivores, 5, 217, rep.
- Lussana**, on distribution of the chorda tympani nerve, 4, 185, rep.
- on nerves of taste, 6, 227, rep.
- et al., on portal circulation and biliary secretion, 8, 418, rep.
- Lutfi, A. M.**, Longitudinal growth of long bones in the domestic fowl (*Gallus domesticus*) 100, 927, P.
- Lutier, A.**, see Féré, C.
- Lütken, C. F.**, on *Cyami*, which infest *Cetacea*, 9, 405, rep.
- Lüttich, B.**, on role of oesophagus in vomiting, 9, 237, rep.

Author Index

- Lutze, E. A., on mechanism of action of the heart, 8, 403, *rep.*
- Luys, on reflex actions of normal and abnormal brain, 10, 625-6, *rep.*
- Mabaret, on absence of vagina and labia minora and majora in 2 sisters, 20, 436, *rep.*
- M'Aldowrie, A. M., Fibrinous coagula in the left ventricle, 3 cases, 17, 194-202
Observations on the development and the decay of the pigment layer on birds' eggs, 20, 225-37
- McAdam, W. A. F., The vascular patterns in mammalian bone, 97, 646-7, P.
- Macalister, Alexander, Notes on an instance of irregularity in the muscles around the shoulder joint, 1, 316-19
on variations in the arrangement of the muscles of the human body, 1, 357
On the nature of the coronoid portion of the pronator radii teres, 2, 8-12
on abnormalities in the skeleton of the upper limb, 2, 165, *rep.*
on comparative anatomy and physiology of the gall-bladder, 2, 172, *rep.*
On the homologies of the flexor muscles of the vertebrate limb, 2, 283-9
on anatomy of *Globiocephalus scineval*, 2, 405, *rep.*
Notes on the homologies and comparative anatomy of the atlas and axis, 3, 54-64
Sesamoid bone in the tendon of the supinator brevis, 3, 108
on homologies of muscle, 3, 197, *rep.*
On the arrangement of the pronator muscles in the limbs of vertebrate animals, 3, 335-40
on the myology of *Bradypus tridactylus*, 4, 162, *rep.*
on myology of the wombat (*Phascolomys wombata*) and Tasmanian devil (*Sarcophilus ursinus*), 4, 308, *rep.*
The varieties of styloid muscles, 5, 28-31
On the varieties of the pronator quadratus, 5, 32-4
on a catalogue of muscular abnormalities, 7, 168, *rep.*
on myology of *Cheiroptera*, 7, 171, *rep.*
on anatomy of *Cynocephalus hamadryas*, 7, 171, *rep.*
on myology of *Sarcophilus ursinus* and *Phascolarctos cinereus*, 7, 172, *rep.*
on cranium of *Phascolomys latifrons* (broad-headed wombat), 7, 337, *rep.*
on myology of gorilla, 9, 404, *rep.*
on anatomy of Liberian hippopotamus (*Chaeropsis liberiensis*), 9, 405, *rep.*
on myology of *Viverra civetta*, Tayra (*Galera barbata*) and *Aonyx leptonyx*, 9, 405, *rep.*
Multiple renal arteries, 17, 250-2
The morphology of the arterial system in man, part I, 20, 193-200
A note on some common errors in descriptions of the brachialis anticus muscle, 22, ii, P.
on a double basilar artery, 1 case, 22, vii, P.
Demonstration of skulls, 22, xii, P.
A text-book of human anatomy, systematic and topographical, including the embryology, histology and morphology of man. . . . 1889. 24, 612, *rev.*
demonstration of skulls, vessels, muscles, cervical fossa, methods of preservation, 25, iii, P.
demonstration of periosteal ligaments, 25, v, P.
Notes on the acromion, 27, 245-51; 27, xvii, P.
The first costo-vertebral joint, 27, 252-6; 27, xvii, P.
Notes on the development and variations of the atlas, 27, 519-42; 27, xxxviii, P.
The development and varieties of the second cervical vertebra, 28, 257-68; 28, vi, P.
on anatomical nomenclature, 28, xvi-xvii, P.
- A study of Australian brains, 31, xxxviii, P. (t.o.); 32, iv, P. (t.o.)
- The aperture pyriformis, 32, 223-230; 32, xxxi-ii, P.
- The causation of brachy- and dolichocephaly, 32, 334-40
- Atlas and axis, 33, 204-9
- The veins of the forearm, 33, 343-9
- Exhibition of bones of ancient Egyptians, 34, xlv, lii, P. July 1899 (titles only)
- Perforate humeri in ancient Egyptian skeletons, 35, 121-2, *anat. not.*
- An ossicle above the inner epicondyle, 35, 122
- Os styloideum ulnare, 35, 122-3, *anat. not.*
- A pelvic kidney on left side, 35, 123
- Cases of anomalous inferior vena cava, 35, 123-5, *anat. not.*
- Archaeologica anatomica, trochanter, 35, 269-70
- Specimens showing the styloid process of the ulna as a separate bone, 35, iv, P. (t.o.)
- Specimen of inner sesamoid bone of great toe, 35, xi, P.
- A foetal skull in which the infraorbital margin of the malar bone articulated with the hamulus lacrymalis, 35, xi, P.
- Hilum, 37, 293-7
- Demonstrations, variations of two temporal bones and a specimen in which the nerve to the cricothyroid muscle passed through the thyroid cartilage, 37, xxxix, P. (t.o.)
see also M'Carte
- Macalister, G. H. K., Rudimentary condition of the carotid canal, 37, 362-3
- Macallum, A., The alimentary canal and pancreas of *Acipenser*, *Amia* and *Lepidosteus*, 20, 604-36
- M'Arthur, A case of imperforate anus, 37, 307, *rep.*
- McAuley, G. O., The blood supply of the rat's femur in relation to the repair of cortical defects, 92, 655, P.
- McBain, James, On the skull of an otaria (*Otaria ulloae*) from the Chinch Islands, 3, 109-12
- McBride, J. M., Autonomic neurogenesis in the chick, 72, 626, P. (*dem.*)
- M'Bride, P., Contributions to the pathology of the internal ear, 14, 195-200
A new theory as to the functions of the semicircular canals, 17, 211-17
- & Bruce, A., The pathology of a case of fatal ear disease, 14, 360-7
- MacCallan, H. F., on communication between the facial and glosso-pharyngeal nerves, 29, xxxiii-xxx, P.
- MacCallum, on the growth of the human sartorius muscle, 33, 501, *anat. not.*
- McCance, R. A., *see* Morrison, A. B.
Pratt, C. W. M.
Tonge, C. A.
- M'Carte & Macalister, on anatomy of cetacean, *Balaenoptera rostrata*, 3, 204, *rep.*
- McCarthy, J., on spinal ganglia and nerve fibres, 10, 446, *rep.*
- M'Carthy, J. G., A new dissection showing the internal gross anatomy of the hippocampus, 33, 76-81; 33, ix, P. (t.o.)
- McClelland, E. W., *see* Blair, D. M. & Davies, F.
- M'Clelland, R. J., Note on a moderator band in the left ventricle and a perforate septum ovale in the heart of a sheep, 32, 779
- McClements, P., Templeton, R. W. & Pritchard, J. J., Repair of a bone gap, 95, 616, P.
- M'Clure, C. F. W., Photograph of post-anal gut in a foetal pig, 33, xxiv, P.
- McColl, I., *see* Joseph, J.

Author Index

- MacConaill, Michael A.**, The ear of Carolan, the last of the Irish Bards, 61, 476-7, *anat. not.*
 Trabecular musculature of the right ventricle, 65, 178, *P. (t.o.)*
 The function of intra-articular fibrocartilages, 66, 146-7, *P.*
 The mechanism of the radio-ulnar joints, 66, 152-3, *P.*
 The function of intra-articular fibrocartilages, with special reference to the knee and inferior radio-ulnar joints, 66, 210-27
 The ultimate forms of diarthrodial joint surfaces, 67, 198-9, *P.*
 formation of pressure films in elbow-joint, 67, 200, *P. (dem.)*
 Regulation of post-natal growth in simple organs, 68, 143, *P. (disc. only)*
 An unusual malformation of the tongue, 69, 130, *P.*
 Functional anatomy of ligaments, 71, 141, *P.*
 The development of the female genital tract, 71, 154, *P.*
 Stress and structure in synovial joints, 72, 162, *P.*
 Structure of ligaments displayed by polarised light after clearing in syrup, 72, 177-8, *P.*
 Biological significance of blood groups, 72, 472, *P.*
 Structure and function in joint-series (Gelenketten) 74, 140, *P. (t.o.)*
 The mechanical anatomy of the carpus and its bearings on some surgical problems, 75, 166-75
 The significance of saddle joints, 80, 236, *P.*
 Staining of the central nervous system with lead haematoxylin, 81, 371-2, *P.*; 81, 376, *P.*
 The kinetics of synovial joints, 81, 394, *P.*
 The myelothecal apparatus of the axis cylinder, 83, 57-8, *P.*
 Structures of axones within brain and cord, 84, 69, *P.*
 Pollex bifidus terminalis unilateralis *in vivo*, 86, 480, *P.*
 The mechanics and function of endarthrodial plates, 89, 566-7, *P.*
 The fibres in dentinal tubules, 89, 569, *P.*
 The compound elliptical polarizer, 91, 595-6, *P.*
 Parafalg staining of acidic tissue elements, 97, 480, *P.*
 — & Davies, F., Cor biloculare and the development of the pulmonary veins, 71, 153, *P.*
 — & Gurr, E., The faviol reactions in histology, 95, 450, *P.*
see also Barnett, C. H. & Davies, D. V.
 Gurr, E.
 Patten, C. J.
- M'Connell, Adams A.**, A case of fusion of the semi-lunar and cuneiform bones, 41, 301-3
McConnell, J. K., *Shorter convalescence*, 1930. 65, 280, *rev.*
M'Connell, R. J., The topographical and applied anatomy of the gall-bladder and bile-ducts, 49, 286-304
MacCormick, A., The myology of the limbs of *Dasyurus viverrinus*, 21, 103-137 (fore-limb), 21, 199-226, (hind-limb)
McCrae, John, Case of congenital atresia of pulmonary artery with transposition of viscera; a second case of transposition, 40, 28-33
McCrea, E. D'Arcy, The abdominal distribution of the vagus, 59, 18-40
McDaniel, J. T., *see* Pritchard, J. J. & Mulholland, H. C.
Macdonald Brown, J. *see* Brown, J. M.
MacDonald, A. M., *see* Bacsich, P. & Dennison, W. M.
 Bacsich, P., Young, A. & Weaver, A. D.
- McDonald, D. A.**, Helps, E. P. W. & Fergusson, Alison, M., Pulsation of the great veins recorded by high-speed cinematography, 87, 441-2
 — & Potter, J. M., A method for the study of arterial anastomoses, 84, 327-8
Macdonald, G. M., Ancient Egyptian culture, 36, 94, *A.U.A.A.S.*
MacDonald, I. R., *see* Harrison, F. A. & MacDonald, I. R.
McDonald, J. D., on posterior elastic lamina of cornea, 10, 452, *rep.*
Macdonald, J. F., *see* Stirling, W.
MacDonald, J. H., translator, *Mechanism of the brain and the function of the frontal lobes* (Bianchi), 58, 282-3, *rev.*
McDonald, J. J., *see* Anson, B. J. & Beaton, L. E.
Macdonald, Morag S. & Emery, J. L., The late intrauterine and postnatal development of human renal glomeruli, 93, 331-40
MacDonald, P. R. & Beattie, J., The innervation of the lachrymal gland, 67, 203-4, *P.*
Macdonald, W., on circulation in embryos of warm-blooded animals, 8, 388, *rep.*
Macdonald, W. W., *see* Beckett, Evelyn B.
Macdonnell, R., *Lectures and essays on the science and practice of surgery*, part II, *the physiology and pathology of the spinal cord*, 1875. 10, 437-8, *rev.*
MacDonnell, R. L., Note on a case of bicipital rib, 20, 405-6
McDonnell, Robert, On the researches concerning the sugar of muscle, 1, 275-280
MacDougall, J. B. & Dow, D. R., Specimens of *Sympus dipus* and *Cyclops*, 81, 404, *P. (dem.)*
MacDougall, J. D. B., The attachments of the masseter muscle, 87, 460, *P.*
 Organ culture under high oxygen pressure, 97, 149, *P.*
 — & Andrew, B. L., An electromyographic study of the temporalis and masseter muscles, 87, 37-45; 86, 495, *P.*
 —, Biswas, S. & Cook, R. P., The effect of certain steroids related to cholesterol on organ cultures of rabbit aorta, 99, 211-12, *P. (dem.)*
 —, Myles, W. S. & Coupland, R. E., A study of liver in organ culture at hyperbaric pressures of oxygen, 99, 192, *P.*
 — & Pyper, A. S., The technique of organ culture at hyperbaric pressures of oxygen, 99, 211, *P. (dem.)*
see also Boyd, J. D. & Coutts, H. D.
 Coupland, R. E. & MacDougall, J. D. B.
- M'Dougall, W.**, On the structure of cross-striated muscle and a suggestion as to the nature of its contraction, 31, 410-41; 31, 538-585
 A theory of muscular contraction, 32, 187-210
McDowall, R. J. S., Reversible paralysis of Deiter's nucleus, 72, 474, *P.*
see also Smout, C. F. V.
- Macé, O.**, A case of obliteration of the oesophagus, 35, 504, *rep.*
MacEwen, on a case of achondroplasia, 43, 125, *rep.*; 44, 106, *rep.*
McFadden, G. D. F., *see* Vincent, S. A.
McFadyean, J., Demonstration of tubercle bacilli from the domesticated animals, 25, ii, *P. (SMS) (t.o.)*
McFadyean's Osteology and arthrology of domesticated animals (Hughes & Dransfield) 4th ed. 1953. 88, 112, *rev.*
Macfadyen, A., The behaviour of bacteria in the digestive tract, 21, 227-38 (review of literature), 21, 413-37 (*in vitro* and *in vivo* experiments)
 Observations upon a mastitis bacillus, 25, 571-7
 A research into the nature and action of the enzymes produced by the bacteria, 26, 409-29

Author Index

- Macfadyen, A., Nencki, M. & Sieber, N., Research into the chemical processes in the small intestine of man, 25, 390-427
- McFarlane, A., An experimental study of functional activity of the parathyroid gland of the chick embryo, 99, 922, *P.*
- & Scothorne, R. J., An experimental investigation of a supposed parathyroid-like activity of the ultimobranchial body of the chick, 99, 412, *P.*
- McFarlane, B. M., see Backhouse, K. M.
- Macfarlane, J. M., On the microscopic structure of some plant hybrids, 25, ii, *P.* (SMS) (*t.o.*)
- M'Gibbon, A case of ectromelus, 37, 309, *rep.*
- McGill, J. I., Powell, T. P. S. & Cowan, W. M., The retinal representation upon the optic tectum and isthmo-optic nucleus in the pigeon, 100, 5-33
- The organization of the projection of the centrifugal fibres to the retina in the pigeon, 100, 35-49
- MacGillavry, on the influence of the nervus vagus on respiratory movements 2, 433-4, *n.*
- MacGillcuddy, on congenital abnormalities of mammary glands, 26, 437-8, *rep.*
- McGrath, F., The pharyngeal pituitary, 100, 942, *P.A.S.A.N.Z.*
- MacGregor, on three cases of double uterus, 43, 117, *rep.*
- McGregor, A. Lee, A contribution to the morphology of the thumb, 60, 259-73
- A synopsis of surgical anatomy*, 1932. 67, 351, *rev.*; 2nd ed., 1934. 69, 534, *rev.*; 4th ed. 1939. 74, 146, *rev.*; 6th ed. 1946. 81, 122, *rev.*
- M'Gregor, A. N., The repair of bone with special reference to transplantation and other artificial aids, 26, 220-30
- McGregor, I., The return of sweating in grafted skin, 84, 76, *P.*
- McGregor, I. A., see Scothorne, R. J.
- M'Gregor-Robertson, J., Report of observations made by Kronecker, Falk, and Meltzer on the mechanism and innervation of deglutition, 16, 486-9, *phys. not.*
- Mach & Kessel, on movements of the ear, 6, 226, *rep.*
- on accommodation of the ear, 8, 187, *rep.*
- Mach, E., on physical experiments on the sense of equilibrium in man, 9, 219, *rep.*
- on sense of equilibrium, experiments in man, 10, 634-5, *rep.*
- Machol, on brachydactyly, 43, 123, *rep.*
- M'Ilroy, Miss J. Hamilton, On the presence of elastic fibres in the cornea, 40, 282-91
- M'Intosh, On the circulatory system of *Magelona*, 13, 331-45
- Macintosh, N. W. G., A four thousand year old thy-lacine tooth (*Dasyuridae*) and a three thousand year old dingo skeleton from D. J. Mulvaney's archaeological excavations at Fromm's Landing, Lower Murray River, 98, 491, *P.A.S.A.N.Z.*
- McIntosh, W. C., Notes on the structure of a monstrous kitten, 2, 366-73
- on development of lost parts in Nemerteans, 3, 459, *rep.*
- on development of *Pyhllodoce maculata*, 4, 306, *rep.*
- on structure of British nemerteans and annelids, 4, 308, *rep.*
- on structure of *Tubifex*, 5, 387, *rep.*
- A monograph of British annelids, part 1, the nemerteans*, 1873-4. 8, 385, *rev.*
- On the central nervous system, the cephalic sacs, and other points in the anatomy of the *Lineidae*, 10, 231-252
- Notes on a female llama, 64, 352-62
- McIntyre, A. K., On the functions of Vater-Pacini corpuscles, 97, 489, *P.A.S.A.N.Z.*
- Maciver, D. Randall, see Randall-Maciver, D.
- Mackay, see Rankin
- Rankin, Lunn & Cranke
- Mackay, B., Studies on the growth of skeletal muscle fibres, 95, 602, *P.*
- & Ginsborg, B. L., Observations on the innervations of chick skeletal muscle fibres, 95, 453, *P.*
- , Muir, A. R. & Peters, A., Studies on the myoneural junction in amphibian myotomes, 93, 585, *P.*
- see also Peters, A.
- Mackay, J. Yule, see Cleland, J. & Young, R. B.
- McKendrick, on action of aloin, 6, 500, *rep.*
- M'Kendrick, a letter to regarding pre-natal influence on a child, 28, 451-2
- On the respiratory movements of fishes, 14, 461-6
- M'Kendrick, Anderson, Dissociation in certain vital phenomena, 39, 285-94
- McKendrick, J., on mechanism of the ear, 8, 400, *rep.*
- M'Kendrick, J. G., Observations on the influence of an electro-magnet on some of the phenomena of a nerve, 13, 219-23
- On the action of anaesthetics, 13, 224-31
- Note on ethidene, 13, 579
- Some observations on the colouring matter of jelly-fishes, 15, 261-4
- Note on a simple form of Lippmann's capillary electrometer useful to physiologists, 17, 345-48
- Special physiology; including nutrition, innervation and reproduction*, 1889. 24, 613, *rev.*
- On the tone and curves of the phonograph, 29, 583-92
- Notes on certain physical and physiological measurements and estimates, 31, 303-5
- see also Coats, Joseph, Ramsay, William & M'Kendrick, J. G.
- Coleman, J. J.
- Dewar, James
- Mackenzie, F. S., The hind-gut opening into cloacal chamber, 40, xiii, *P.* (*t.o.*)
- Mackenzie, F. S., & Robinson, Arthur, On a specimen of the hind-gut opening into a cloacal chamber in a child, 40, 409-411
- M'Kenzie, I., Pulmonary changes in asphyxia, 40, 120-32
- McKenzie, J., The parotid gland in relation to the facial nerve, 82, 183-6; 83, 60, *P.*
- 'Toeing-in', 87, 463, *P.*
- A case of hernia into the descending mesocolon, 88, 410-12
- The foot as a half-dome, 88, 558, *P.*
- The morphology of the sternomastoid and trapezius muscles, 89, 526-31
- The anatomy and embryology of Treacher Collins syndrome, 89, 558, *P.*
- Observations on the structure and development of the sternomastoid muscle in man and in rabbit, 88, 584, *P.*
- A Bronze Age burial near Stonehaven, Kincardineshire, 89, 579, *P.*
- The abnormalities in a human dicephalic tetrabrachiate monster, 90, 587-8, *P.*
- The embryology of first arch abnormalities, 92, 663-4, *P.*
- The development of the sternomastoid and trapezius in man, 94, 579, *P.*
- & Chaytor, D. E. B., Alterations in the vascular pattern in chick embryos following the injection of insulin, 92, 664, *P.*
- & Donald, D., The effect of adult homogenised tissue on the explanted chick embryo, 97, 307, *P.*

Author Index

- McKenzie, J. & Ebert, J. D.**, The inhibitory action of antimycin A on the chick embryo, 94, 283, P.
- , **Kosterlitz, H. W. & Robinson, Judith A.**, The function of the interstitial cells of Cajal in the guinea-pig, 89, 573, P.
- & **Naylor, E.**, Ossification of the patella, 91, 582, P.
- , **Philip, J. F., & Logie, D.**, The effect of radon exposure on developing maxilla, 90, 598, P. (3-month child, seen aged 12 years)
- & **Sinclair, Joan, E. C.**, The inhibitory action of adult heart on the early chick embryo, 96, 416, P. Epigenetic recombination in the early chick embryo, 97, 638, P.
see also Ahmed, Y. Y.
Barron, Patricia
Gogoi, P.
O'Dell, D. S.
Mackie, R. N.
Singh, M.
- M'Kenzie, R. Tait**, Natural selection, as shown in the typical speed-skater, 32, 468-76
Notes on the dissection of two club feet, 34, 403-9
The facial expression of violent effort, breathlessness, and fatigue, 40, 51-5
- Mackenzie, W. Colin**, The shape and peritoneal relationships of the spleen in monotremes and marsupials, 51, 1-18
Further studies on the peritoneum and intestinal tract in monotremes, 51, 278-92
Demonstration on the attachments of duodenum and transverse colon, 51, 1-5, P. (June 1915)
Biology of the spleen and biliary apparatus in monotremes and marsupials, 51, 6, P. (June 1916)
Muscular action, 52, 343-4
- McKeown, T. & Zuckerman, S.**, The stimulation to ovulation, 72, 153, P.
Factors involved in luteinization, 72, 153-4
see also Clark, W. E. Le Gros & Zuckerman, S.
Selye, H.
- Mäcker**, see Henneberg, Schulze & Brun
- Mackie, R. N. & McKenzie, J.**, The action of hydrocortisone on the early explanted chick embryo, 97, 150, P.
- Mackie, R. N.**, Time-lapse cinephotography on the hydrocortisone-treated chick embryo, 98, 688-9, P.
The action of hydrocortisone on the early explanted chick embryo, 97, 622, P.
- MacKinnon, I. L.**, Variations in leucocyte counts during the human menstrual cycle, 87, 463, P.
A method of estimating skull capacity from radiological diameters, 88, 575, P.
see also MacKinnon, P. C. B.
- MacKinnon, Pamela C. B.**, Emotional sweating and the suprarenal cortex, 90, 562, P.
- & **Harrison, Jean**, The effect of pituitary-adrenal and gonadal hormones on the palmar sweat index (P.S.I.) 96, 423, P.
- & **MacKinnon, I. L.**, Seasonal changes in the morphology of the human suprarenal cortex, 93, 567-8, P.
Morphologic features of the human suprarenal cortex in men aged 20-86 years, 94, 183-91
see also Harrison, Jean
- Macklin, C. C.**, Pulmonic alveolar vents, 69, 188-92
Mapping the epithelium of the finer bronchioles by supravital silverization, 83, 83-4, P.
The anomalous richness of the lung in lymph vessels, 88, 563, P.
- & **Macklin, Madge T.**, Is the Mingazzini phenomenon, in the villus of the small intestine, an evidence of absorption? 61, 144-50
- Macklin, Madge T.**, see Macklin, C. C.
- McLachlin, A. D.**, see Franklin, K. J.
- Maclaren Thompson, I.**, see Thompson, I. Maclaren
- McLaren, see Bryce, T. H.**
- Maclaren**, effects of nitrous oxide inhalation, 5, 389-90, rep.
- Maclaren**, early stages in development of *Cavia*, 61, 515, P.
- M'Laren, J. S.**, A case of congenital absence of the tibia, 23, 598-605
- McLarty, M.**, see Ellis, H.
- McLavery, B.**, see Rashad, M. N. & Bridges, J. B.
- McLean, F. C. & Urist, M. R.**, *Bone. An introduction to the physiology of skeletal tissue*, 1955. 90, 155-6, rev.
- McLelland, J.**, The anatomy of the rings and muscles of the trachea of *Gallus domesticus*, 99, 651-6
- & **Moorhouse, P. D. S.**, Observation on the structure and function of the nasal gland of *Gallus domesticus*, 99, 411, P.
- MacLennan**, Swelling of the nose, mesially and below, in infant, 38, 366, rep.
- Macleod, A. G.**, see Wilson, F. N. & Barker, P. S.
- Macleod, J. J. R.**, see Hutchison, Robert
- Macleod, J. M. H.**, Recent observations on the human stratum corneum, 36, lvi-lix, P.
- McMahon, S.**, An anatomical study by injection technique of the ejaculatory ducts and their relations, 72, 556-74
- McMaster, A. C. M.**, The organ of Jacobson in *Sphenodon punctatum*, 70, 192, P. (t.o.)
- Macmillan, E. W.**, The blood supply of the rat epididymus, 86, 479, P.
The effects of higher epididymal obstruction upon the Leydig cells of the rat testis, 87, 454, P.
The caput epididymidis and trypan blue, 91, 616, P.
The influence of mating on the rate of transport of radiopaque medium through the ductus epididymidis of the rat, 97, 643, P.
- & **Clegg, E. J.**, The transport of trypan blue by the seminiferous tubules of the rat testis, 95, 615, P.
Observations on the uptake of indian ink by the seminiferous tubules and the excurrent duct system of the rat testis, 97, 154, P.
see also Clegg, E. J.
- McMinn, R. M. H.**, The rate of renewal of intestinal epithelium in the cat, 88, 527-32; 88, 556, P.
- & **Johnson, F. R.**, Observations on regenerating transitional epithelium, 89, 570, P.
Epithelialisation of mucosal lesions in the gall bladder of the cat, 90, 578, P.
The structure and regeneration of epithelium in the oesophagus of the cat, 91, 586, P.
Repair of mucosal lesions in the rectum of the cat, 92, 638-9, P.
- & **Kugler, J. H.**, The glands of the bile and pancreatic ducts: autoradiographic and histochemical studies, 95, 1-11; 93, 573, P.
- & **Mitchell, J. E.**, Healing of mucosal lesions of the small intestine of the cat, 87, 463, P.
The formation of villi following artificial lesions of the mucosa in the small intestine of the cat, 88, 99-107
- & **Taylor, M.**, Repair of tympanic membranes, 97, 613, P.
- & **Vrbová, G.**, Effect of impulse activity on histochemical properties of skeletal muscles, 97, 613, P.; 97, 623, (dem.)
see also Johnson, F. R.
- Johnson, F. R. & Birchenough, R. F.
- M'Murich, J. Playfair**, a case of crossed dystopia of the kidney with fusion, 32, 652-64

Author Index

- McMurrich, J. P., *Leonardo da Vinci, the Anatomist*, 1930, 65, 556-7, *rep.*
- Macnamara, N. C. & Burne, R. H., The cerebrum of a microcephalic idiot, 37, 258-65
- McNeur, J. C. & Hart, J. A. L., Experimental studies in bone grafting, 100, 939, *P.A.S.A.N.Z.*
- Macphail, A., A case of janiceps, 35, 501, *rep.*
A specimen showing an abnormal condition of the maxillary antrum, 50, 11, *P. (t.o.)* (March 1915)
- Macphail, D., An ether percolator for use in physiological or pathological laboratories, 15, 105-9
- Macphail, S. Rutherford, Note on length of vermiform process in 220 consecutive post-mortem examinations, 51, 308
- McRae, A. E., on effects of subcutaneous injection of chloral in rabbits, 7, 192, *rep.*
- M'Vail, D. C., on the spirograph, 3, 216, *rep.*
- McWhirter, R., Shearer, J. S. & Aitken, P., Series of radiographs of special anatomical interest, 81, 404, *P. (dem.)*
- Macy, I. G. & Kelly, Harriet, J., *Chemical anthropology: a new approach to growth in children*, 1957, 93, 137, *rev.*
- Maddock, W. G., *see* Anson, B. J.
- Maddox, E. E., A case of right-sided sigmoid flexure and rectum, 17, 403
Investigations in the relation between convergence and accommodation of the eyes, part I, 20, 475-508; part II, 20, 565-84; part III, 21, 21-42
- Maddox, R. L., on anatomy of papillae of frog's tongue, 3, 451, *rep.*
- Maderson, P. F. A. & Bellairs, A. d'A., Effects of temperature variation and tail removal on lizard embryos in culture, 96, 416, *P.*
- Maerker, M., on estimation of nitrogen in albumin, 8, 411, *rep.*
- Maggi, on suturo-fontanellar ossicles in fossil human skulls, 33, 679 (*ref. only*)
- Maggi, L., on hermaphroditism in the eel, 7, 338, *rep.*
- Magitot, E., on anomalies of dentition in mammals, 9, 204-5, *rep.*
on numerical anomalies in dentition of mammalia, 9, 397, *rep.*
see also Legros, C.
- Magnau, poisoning by alcohol and absinthe, including post-mortem examination, 8, 220, *rep.*
- & Bouchereau, on toxic effect of absinth, 4, 313, *rep.*
- & Hayem, on the interstitial tissue of the white matter of nerve centres [neuroglia], 2, 394-5, *rep.*
- Magnus, on a certain sign of death, 7, 190-1, *rep.*
- Magnus, Hugo, on sternum of birds, 3, 458, *rep.*
on absence of sphenoido-malar suture, 4, 151, *rep.*
on congenital malformation of the male urethra, 4, 160, *rep.*
on thoracic and abdominal muscles, 4, 162, *rep.*
on structure of osseous cranium of birds, 5, 385, *rep.*
- Maguire, R., A contribution to the pathology of *Macroglossia* and *Hygroma*, 14, 416-23
On the histology of some of the rarer forms of malignant bone tumours, 15, 405-21
Case of primary cancer of the femur, 15, 496-501
- Mahon, R. Bodkin, Abnormal arrangement of the kidney and its vessels, 23, 339-40
- Mahrn, Z. Y., Studies on the afferent nerve supply of the facial muscles, 89, 564, *P.*
see also Bowden, Ruth E. M.
Kanagasuntheram, R.
Kanagasuntheram, R. & Leong, Chan Heng
- Maillard, the humeral extension of the lesser pectoral tendon, 33, 351 (*ref. only*)
- Main, J. H. P., *see* Adams, D.
- Mainland, D., An uncommon abnormality of the flexor digitorum sublimis muscle, 62, 86-9
The pluriovar follicle, with reference to its occurrence in the ferret, 62, 139-58
The technique of estimating small irregular areas in biological research, with notes on the tests of accuracy, 63, 345-51
Posterior duplicity in a dog, with reference to mammalian teratology in general, 63, 473-95
The early development of the ferret: the pronuclei, 64, 262-87
Appointed to Chair of Anatomy, University of Dalhousie, Nova Scotia, 65, 401
The early development of the ferret: the cytoplasm, 65, 411-26
The early development of the ferret: the zona granulosa, zona pellucida and associated structures, 66, 586-601
Cell-size with special reference to the human lymphocyte, 72, 149-50, *P. (disc. only)*
A comparison of percussion and radiology in locating the borders of the heart, 72, 154-5, *P.*
The treatment of clinical and laboratory data, 1938, 72, 637, *rev.*
- & Coady, B. K., The investigation of cell size with special reference to the human lymphocyte, 72, 374-98
- Mainzer, M., Congenital elephantiasis, 1 case, 34, 412-13, *rep.*
- Mair, editor, *Repetitorium anatomicum* (Broesike) 3rd ed. 1932, 68, 123-4, *rev.*
- Major, C. J. F., on fossil monkeys found in Italy, 7, 171, *rep.*
- Major, H. C., On cerebral convolutions, 7, 169-70, *rep.*
On minute structure of cortical substance of brain, 7, 170, *rep.*
Histology of the brain in the insane, 8, 173, *rep.*
On histology of senile brain, 9, 204, *rep.*
Observations on the structure of the brain of the white whale, (*Delphinapterus leucas*) 13, 127-38
The histology of the island of Reil, 13, 267 (*t.o.*); comment by Turner, 13, 278
Observations on the brain of the Chacma baboon, 13, 267 (*t.o.*); comment by Turner, 13, 279
- Makins, G. H., *see* Anderson, W.
- Malassez, on the number of blood corpuscles, 7, 346, *rep.*
on variations of amounts of numbers of blood corpuscles, 11, 192-3, *rep.*
- & Picard, P., on modification of the blood in its passage through the spleen, 9, 416, *rep.*
on leucocytes and O₂ in blood of splenic vein, 10, 213, *rep. (expts.)*
- Malatesta, A case of Meckel's diverticulum removed by operation, 44, 105, *rep.*
- Malaty, H. A. & Bourne, G. H., The distribution of simple esterases in tissues, 86, 491, *P.*
The effect of adrenalectomy and injection of steroid hormones on the succinic dehydrogenase reaction of tissues, 87, 449, *P.*
- Malcolm, Congenital absence of some nails, 44, 107, *rep.*
- Malet, H., *see* Gibson, G. A.
- Maley, on estimation of uric acid in urine, 7, 355, *rep.*
- Malhotra, S. K. & Harreveld, A. van, Distribution of extracellular material in central white matter, 100, 99-110
- Malinin, on the action of sulphate of quinine on bile, 3, 239, *rep.*
- Malinverni, on absence of corpus callosum, 9, 212, *rep.*
- Malis, L. I., *see* Kruger, L. & Rose, J. E.

Author Index

- Mall**, on development of the ventral abdominal walls in man, 33, 501 (*ref. only*)
 Pathological ova, 38, 361, P.
 Origin of human monsters, 44, 96, *rep.*
- Mall, Franklin P.**, on the development of the human intestine and its position in the adult, 33, 504 (*ref. only*)
 on the lobule of the spleen, 33, 504 (*ref. only*)
 on development of the internal mammary and deep epigastric arteries in man, 33, 504 (*ref. only*)
 Early malformed embryos, 35, 498, *rep.*
- Mallart, A.**, *see* Bowsher, D. & Albe-Fessard, D.
- Mallet, see** D'Espine
- Malm, A. W.**, on various cetacean skeletons, 6, 445, *rep.*
 on a description of pregnant *Delphinus phocoena*, 9, 404-5, *rep.*
- Malor, R.**, The effect of gamma irradiation on DNA synthesis in regenerating mouse liver, 100, 945, P.A.S.A.N.Z.
- Malpas, P.**, Anomalies of the mylohyoid muscles, 61, 64-7
- Maly, on** copper tests for sugar in urine, 6, 466, *rep.*
 on transformation of bilirubin into urine pigment, 6, 468, *rep.*
 On the formation of acid in the organism, and on some properties of blood-serum, 13, 238, *abs.*
- Maly, R.**, on transformation of bilirubin into pigment in urine, 7, 356, *rep.*
 on acid of the stomach, 9, 426, *rep.*
 on bilirubin (ox gall-stone) 9, 437, *rep.*
 on chemical composition and dietetic value of peptones, 10, 213-14, *rep.*
- & **Donath, J.**, on contributions to the chemistry of bone, 8, 425-6, *rep.*
- Manabe, A.**, *see* Kotani, M. *et. al.*
- Manassein**, on lowering of body temperature by 'rocking', 6, 237, *rep.*
 on chemical contributions to our knowledge of fever, 7, 352, *rep.*
- Mandel, T.**, Ultrastructural studies on differentiating lymphoid cells following open-heart surgery, 100, 938, P.A.S.A.N.Z.
- Mandelstamm**, on association of two retinae, 7, 344, *rep.*
- Mandelstamm, E.**, on crossing of the optic nerves and hemiopia, (hemianopsia), 9, 219, *rep.*
- Mandl, on** chest and falsetto notes, 6, 241, *rep.*
- Mandl, Anita M. & Zuckerman, S.**, Ovarian autografts in monkeys, 83, 315-24
see also Green, S. H. & Zuckerman, S.
 Ingram, D. L. & Zuckerman, S.
- Maneely, R. B.**, Regional histochemical differences in the epididymis of the adult rat, 88, 578, P.
- Manges, on** meningocele (frontal) 27, 421, *rep.*
- Maniscalco, S. & Titone, M.**, A case of absence of vagina and uterus, 32, 792, *rep.*
- Mann, G.**, Histological changes induced in sympathetic, motor and sensory nerve cells by functional activity, 29, 100-8
 On the homoplasy of the brain of rodents, insectivores and carnivores, 30, 1-35
- Mann, Ida C.**, On the development of the fissural and associated regions in the eye of the chick, with some observations on the mammal, 55, 113-18
 Absence of the lens occurring in the human embryo, 56, 96-7
 Model of specimen of an aphakic embryonic eye, 59, 7, S.P.
 The development of the iris, 59, 99-100, S.P.
 Notes on the anatomy of the living eye as revealed by the Gullstrand slitlamp, 59, 155-65
- The developing third nerve nucleus in human embryos, 61, 424-38; 61, 490, P. (*t.o.*)
 The differentiation of the human retina, 61, 490, P.
 The relations of the hyaloid canal in the foetus and in the adult, 62, 290-6
 The process of differentiation of the retinal layers in vertebrates, 63, 151, P.
 The varieties of the iris pattern in vertebrates, 65, 162-3, P.
 Macula of the *Sphenodon*, 67, 202, P.
see also Frazer, J. E. S.
- Mann, T.**, *The biochemistry of semen*, 1954. 89, 422-3, *rev.*
see also Davies, D. V.
- Mannan, G.**, *see* Cauna, N.
- Manners-Smith, T.**, A description of two symmelian monsters, 30, 169-84; 30, 462, *rep.*
 Some points in the anatomy of a sirenomelian monster, 30, 507-12
 A study of the navicular in the human and anthropoid foot, 41, 255-79
 A study of the cuboid and os peroneum in the primate foot, 42, 397-414
 The variability of the last lumbar vertebra, 43, 146-60
 The limb arteries of primates, part I, 44, 271-302; part I cont., 45, 23-64; part I cont., 46, 95-172
- Manouvrier**, on variations of nasal bones in man, 29, 468, *rep.*
 Case of microcephaly, 30, 460, *rep.*
 on the proportions of the cerebral lobes and their craniological consequences, 33, 353 (*ref. only*)
- Manouvrier, L.**, *Étude sur les variations morphologiques du corps du fémur dans l'espèce humaine*, 1893. 29, 142, 144, *rev.*
 On dwarfs, 34, 413, *rep.*
 Brain of deaf mute, 34, 416, *rep.*
- Mansell Moullin, C.**, *see* Moullin, C. Mansell
- Manson, J. D. & Waters, N. E.**, Observations on the rate of maturation of the cat osteon, 99, 539-49
- Manson, J. S.**, Rare congenital malformation of hands and feet, 58, 250-3
- Mantegazza, on** cause of blood coagulation and origin of fibrin, 6, 458-9, *rep.*
- Mantegazza, P.**, on origin of fibrin, and cause of blood coagulation, 11, 553, *rep.*
- Manter, J.**, *see* Eftman H.
- Manz, W.**, on ganglion-cells in the retina of the frog, 1, 357, *rep.*
 on eye condition in anencephalic foetus, 5, 380, *rep.*
- Marangoni**, Pseudohermaphroditism, 44, 103, *rep.*
- Marcet, on** blood and nutrition of muscle, 6, 464, *rep.*
 on the nutrition of muscle and lung in health and in phthisis, 7, 357, *rep.*
 on nutrition of animal tissues, 9, 234, *rep.*
- March, O. C.**, on observations on fossil birds—*Ichthyornis dispar*, 7, 337, *rep.*
- Marchand, A**, case of transposition of the large vessels, 44, 101, *rep.*
- Marchand, D.**, *Die Morphologie des Stirnlappes und der Insel der Anthropomorphen*, 1893, 27, 564, *rev.*
- Marchand, F.**, *Pygopagus*, 30, 457, *rep.*
 On malformations, 34, 416, *rep.*
- Marchant, June**, Alkaline phosphatase activity in normal and degenerated peripheral nerves of the rabbit, 83, 227-37
- Marchi, V.**, *Sull'origine e decorso dei peduncoli cerebellari e sui loro rapporti cogli altri centri nervosi*, 1891. 26, 568-73, *rev.*
- Maresch, on** a congenital defect of the thyroid gland in an 11-year-old girl, 33, 684 (*ref. only*)
- Marett Tims, H. W.**, *see* Tims, H. W. Marett

- Marey, On 'myographic forceps', 1, 158, *rep.*
 On stimulation of striated muscle in tortoise and crustacea, 1, 361, *rep.*
 On the contraction of the ventricle, 1, 361, *rep.*
 On mechanism of flight in insects and birds, 4, 308, *rep.*
 on electrical discharge of *Torpedo*, 6, 475, *rep.*
 on flight of birds and insects, 7, 173-4, *rep.*
 on terrestrial locomotion in bipeds and quadrupeds, 7, 329, *rep.*
 On work of isolated heart, 8, 190-1, *rep.*
 on new experiments on human locomotion, 9, 245, *rep.*
 on the graphic method in experimental sciences, and its special application to medicine, 10, 654, *rep.*
 Marey, E. J., *Du mouvement dans les fonctions de la vie*, 1868. 2, 383-6, *rev.*
 Marey, M., *Physiologie expérimentale*, 1876. 10, 658, *rep. (notice)*
 Marfan, & de Lille, Ear abnormalities in a child with congenital facial paralysis, 36, 304, *rep.*
 Margolin, S., *see* Abramson, D. I.
 Marie, Case of congenital absence of the appendix vermiformis, 38, 368, *rep.*
 Marion, M. G., A case of absence of the left half of the squamous part of the occipital bone, 35, 502, *rep.*
 Marnoch, J., *see* Dean, G.
 Marovitz, W. F., *see* Asling, C. W. & van Wagenen, G.
 Marrett, Tims, H. W., *see* Tims, J. W. Marrett
 Marris, An omo-trachelian muscle, 35, iii, P.
 Marsden, C. D., Pigmentation in the nucleus substantiae nigrae of mammals, 95, 256-61
 Tyrosinase activity in the nucleus substantia nigra, 95, 282, P.
 The development of pigmentation and enzyme activity in the nucleus substantiae nigrae of the cat, 175-80
 Marsh, O. C., on remains of *Dinocerata* found in the Eocene beds of Wyoming, 7, 337, *rep.*
 Marsh, T., Abnormal arrangement of the spermatic arteries and of the right cord and testes, 32, 216-17
 Marshall, A. H. E. & Swettenham, K. V., The formation of a mucoprotein-sulphated mucopolysaccharide complex in the lymphoid tissue of the pregnant guinea-pig, 93, 348-53
 Marshall, A. M. & Hurst, C. H., *A junior course of practical zoology*, 11th ed. 1930. 65, 557, *rev.*
 Marshall, A. Milnes, On the mode of oviposition of amphioxus, 10, 502-5
 On the early stages of development of the nerves in birds, 11, 491-515
 The morphology of the olfactory organs, 14, 145-7, *anat. not.*
 The segmental value of the cranial nerves, 16, 305-54
 On certain abnormal conditions of the reproductive organs in the frog, 18, 121-44
 Marshall, C. F., The thyro-glossal duct or 'canal of His', 26, 94-9
 Variations in the form of the thyroid gland, 29, 234-9
 Marshall, J., on proportions of cerebral lobes of man and higher vertebrates, 10, 444, *rep.*
 on asymmetry of cerebral convolutions in man and weight of brain in relation to stature, 10, 444, *rep.*
 On the relations between the weight of the brain and its parts, and the stature and mass of the body in man, 26, 445-500
 On the brain of the late George Grote, F.R.S., with comments and observations on the human brain and its parts generally, 27, 21-68, errata, 27, 290
 Marshall, John, *Outlines of physiology human and comparative*, 1867. 2, 387, *rev.*
 Marshall, W. A. & Thompson, A. P. D., The effect of surgical thyroidectomy on the induction of oestrus by light in ferrets, 91, 599-600, P.
 The effect of increasing intensities of light on the rate of appearance of light-induced oestrus in normal ferrets and in ferrets after the removal of both superior ganglia of the cervical sympathetic chain, 91, 600, P.
 Martin, B. F., Alkaline phosphatase in the large intestine, 85, 140-58; 84, 404, P.
 'Lipase' in the alimentary tract, 86, 497, P.
 The occurrence of fat in the lining epithelium of the large intestine of the cat, 88, 580-1, P.
 The histochemical distribution of 'lipase' in the alimentary tract and associated glands of laboratory animals, 90, 440-54
 The histochemical localisation of alkaline phosphatase in transitional epithelium and its relationship to fatty material, 90, 577-8, P.
 The tendons of flexor digitorum profundus, 91, 617, P.
 Histological and histochemical studies on the bladder and ureter, with particular reference to alkaline phosphatase and Golgi material, 92, 286-97
 The annular ligament of the superior radio-ulnar joint, 92, 473-82; 91, 584, P.
 The tendons of flexor digitorum profundus, 92, 602-8
 The oblique cord of the forearm, 92, 609-15
 The effect of distension of the urinary bladder on the lining epithelium and on its histochemical reaction for alkaline phosphatase, 94, 580-1, P.
 Observations on the muscles and tendons of the medial aspect of the sole of the foot, 95, 619, P.
 Observations on the muscles and tendons of the medial aspect of the sole of the foot, 98, 437-53
 The origins of the hamstring muscles, 99, 206, P.
 — & Jacoby, F., Diffusion phenomenon complicating the histochemical reaction for alkaline phosphatase, 83, 351-64; 84, 61, P.
 — & Platts, M. M., A histological study of the nail region in normal human subjects and in those showing splinter haemorrhages of the nail, 93, 323-30; 92, 674, P.
 — & Shaw, N. E., A histological and histochemical study of joint tissues, 97, 146, P.
 — & Wilkinson, W. J. C., Alkaline phosphatase in the adrenal gland, 93, 580-1, P.
see also Jacoby, F.
 Shaw, N. E.
 Martin, C. P., A case of congenital abnormality of the heart with apparently an unusual abnormality of the great vessels, 65, 395-8, *anat. not.*
 Some variations in the lower end of the femur which are especially prevalent in the bones of primitive people, 66, 371-83
 (1) Torsion of the head of the humerus, (2) The notch on the anterior edge of the glenoid fossa of the scapula, 67, 209, P. (*disc. only*)
 The cause of torsion of the humerus and of the notch on the anterior edge of the glenoid cavity of the scapula, 67, 573-82; 67, 209, P. (*disc. only*)
 The comparison of the joints of the arm with those of the leg, 68, 153, P. (*t.o.*)
 A comparison of the joints of the arm and leg and the significance of the structural differences between them, 68, 511-20
 Radiograms of movements of the shoulder joint, 71, 159-60, P.
 A note on the renal fascia, 77, 101-3, *anat. not.*
 — & Banks, J., The amount of mucosal tissue in the small intestine, 75, 135-6

- Martin, C. P. & O'Brien, H. D.**, The coracoid process in the primates, 73, 630-42
Movements at the shoulder joint, 74, 140, *P. (film)*
- Martin, H. Newell**, Notes on the structure of the olfactory mucous membrane, 8, 39-44
- Martin, R.**, on the articular muscles of man, 9, 444, *rep.*
- Martin, R. Moutard-**, *see* Moutard-Martin, R.
- Martin, Rudolf**, Zur physichen Anthropologie der Feuerländer, in *Arch fur Anthropologie*, Bd. xxii, Heft 3, 1893. 29, 141, 144, *rev.*
- Martin, Sidney**, Demonstration of a heart in which the left auricle was divided by a horizontal septum into a superior and inferior compartment, 34, xxxi, *P.* July 1899
- Martin, W.**, The caecum and appendix in 100 subjects, 33, ix, *P. (t.o.)*
- Martin-Damourette & Pelvet**, on physiological action of bromide of potassium, 2, 418, *rep.*
physiological and therapeutic actions of conium, 6, 497
- Martins, C.**, on morphology of thoracic and pelvic limbs, 7, 334, *rep.*
- Marty**, *see* Poggiale
- Martyn, S.**, on prickle cells, 10, 449, *rep.*
- Marvaud, Angel**, on effects of alcohol, tea, coffee, coca, maté, 6, 500-1, *rep.*
- Masius & Lair**, on the position and extent of reflex centres in spinal cord, 4, 323, *rep.*
on action of vasomotor centres, 10, 626, *rep.*
- Masoin**, on inhibitory action of right and left vagus on heart, 7, 180, *rep.*
- Mason, J. J.**, on the polar action of electricity in medicine, 9, 413, *rep.*
on objections to the theory of peristaltic arterial action, 9, 416, *rep.*
- Mathew**, Case of hereditary symmetrical brachydactyly, 44, 105, *rep.*
- Mathews, J. H.**, *see* Amoroso, E. C.
- Mathieu & Urbain**, on amount of gas in blood in different arteries, 7, 346, *rep.*
- Mathieu, E. & Urbain, V.**, on action of gases in the coagulation of albumen, 8, 408-9, *rep.*
on the role of gases in the coagulation of the blood, 9, 420-1, *rep.*
on causes and mechanism of blood coagulation, 10, 645, *rep.*
- Matteuci**, on the source of muscle power, 1, 159, *rep.*
on the secondary electromotor power of nerves, 2, 189, *rep.*
- Matthews Duncan, J.**, *see* Duncan, J. Matthews
- Matthews, A. L.**, A case of a supernumerary lobe of the right lung, 32, xxxiv-viii, *P.*
- Matthews, Catherine**, *translator*, *see* Grigor'eva, T. A.
- Matthews, J., Winkler, F. N. & Hicks, Braxton**, on circulation in the human placenta, 7, 333, *rep.*
- Matthews, J. Duncan**, Oviduct in an adult male skate, 19, 144-9
- Matthews, L. Harrison**, Cyclic changes in the uterine mucosa of balaenopterid whales, 82, 207-32; 83, 87, *P.*
see also Harrison, R. J. & Amoroso, E. C.
- Matthews, Margaret, R.**, Further observations on transneuronal degeneration in the lateral geniculate nucleus of the macaque monkey, 98, 225-63
- , **Cowan, W. M. & Powell, T. P. S.**, Transneuronal cell degeneration in the lateral geniculate nucleus of the macaque monkey, 94, 145-69; 94, 288, *P.*
- & **Powell, T. P. S.**, Some observations on transneuronal cell degeneration in the olfactory bulb of the rabbit, 96, 89-102; 95, 603, *P.*
- Matthews, W.**, Apparatus for tracing orthogonal projections of the skull in the United States Army Medical Museum, 21, 43-5
An apparatus for determining the angle of torsion of the humerus, 21, 536-8
- Matthiessen & Wright**, on alkaloid derivatives of opium (apomorphia and chlorocodide [codein chloride]), 4, 166, *rep.*
- Matty, A. J. & Guinness, F. E.**, The histochemistry of the urinary bladder of the toad *Bufo bufo* in relation to hormonal studies, 98, 271-6
- Maturana, H.**, Cell territories in the cerebral cortex of the rat, 89, 572, *P.*
Differences in the regenerative power of afferent and efferent fibres in the optic nerve of anurans, 90, 592, *P.*
Efferent fibres in the optic nerve of the toad (*Bufo bufo*) 92, 21-7
- Mauchle, T.**, on nerves in the ocular conjunctiva, 2, 400, *rep.*
- Mauclaire**, *see* Le Dantec
- Maude**, on a case of pseudo-hermaphroditism, 33, 682 (*ref. only*)
- Mauthner, J.**, on maternal circulation of rabbit placenta, 8, 393, *rep.*
- Mavor, E.**, The applied anatomy of venous collaterals in the lower limb, 670-1, *P.*
- Mawe, E. S.**, Types of nuchal hair and a possible theory of the prediction of sex, 45, 420-5
- Maxwell, E. V. & Erwin, G. S.**, Four cases of anomalous inferior vena cava with an explanation of their developmental origin, 62, 184-97
- May, N. D. S.**, *The anatomy of the sheep*, 2nd ed., 1964. 99, 185, *rev.*
- May, R. M.**, Modifications of nerve centres due to the transplantation of the eye and olfactory organ in anuran embryos, 61, 500-1, *P.*
Demonstration of transplantation of the eye and olfactory organ in anuran embryos, 61, 515, *P.*
- Maycock, W. d'A., & Heslop, T. Stewart**, An experimental investigation of the nerve supply of the adrenal medulla of the cat, 73, 551-58
see also Heslop, T. S.
- Mayençon & Bergeret**, On detection of bismuth in tissues, 8, 218, *rep.*
on absorption and elimination of lead and gold, 8, 219, *rep.*
on absorption and elimination of mercury, 8, 219, *rep.*
- Mayer**, on a child with numerous deformities affecting the hands and feet, the elbow, hip and knee, 43, 124, *rep.*
- & **Pribram**, on vaso-motor reflex in response to gastric irritation, 8, 182, *rep.*
- & **von Basch**, on peristalsis of intestine, 5, 407, *rep.*
- Mayer, Jaques**, on the formation of glycogen in the liver, 13, 122-3, *rep.*
- Mayer, Sigmund**, on the effects of electrical, chemical or mechanical irritants on the spinal cord, 3, 210, *rep.*
on insensibility of anterior columns of spinal cord to electrical stimulation, 3, 462-3, *rep.*
on nerves of the salivary glands, 4, 304-5, *rep.*
on direct electrical stimulation of the mammalian heart, 8, 403, *rep.*; 9, 416, *rep.*
on respiratory movements, in relation to stimulation of vagus, 10, 212, *rep.*
- & **Friedrich, J.**, on physiological action of amyl nitrite, 11, 572-3, *rep.*
- Maygrier & Saillant**, Contraction of large intestine, 38, 368, *rep.*
- Maylard, A. E.**, Abnormalities of the lobes of the human lung, 20, 34-8

Author Index

- Maynard Smith, *see* Smith, S. Maynard
- Mayol, F. O., on cyclopia and failure of development of face, 26, 434, *rep.*
- Mayor, D., *see* Kapeller, K.
- Mayou, on four cases of cyclops, 43, 118, *rep.*
- Mazanec, K., *Blastogenese des Menschen*, 1959. 93, 384, *rev.*
- Mazzitelli, Absence of fibulae, 120 cases, 34, 423, *rep.*
- Meadows, G. W., *see* Smith, R. N.
- Mears, W. P., Abnormal distribution of arteries and veins in the neck, 22, 304-6
- Meban, C., Bishun, N. P. & Morton, W. R. M., Mitogenic effects of phytohaemagglutinin on rat bone-marrow cells, 100, 424, *P.*
- Mecznikow, E., *see* Claparede, E.
- Medawar, P. B. (later Sir Peter), The behaviour and fate of skin homografts in rabbits, 78, 176-99
A second study of the behaviour and fate of skin homografts in rabbits, 79, 157-76
see also Billingham, R. E.
Gibson, T.
- Meek, Mode of post-embryonal growth of muscles, 33, 213, *abs.*
- Meek, A., On the occurrence of a Jacobson's organ, with notes on the development of the nasal cavity, the lachrymal duct, and the Harderian gland, 27, 151-60
On the post-embryonal history of voluntary muscles in mammals, 33, 596-608
On the morphogenesis of the head of the crocodile (*Crocodilus porosus*) 45, 357-77
The reproductive organs of cetacea, 52, 186-210
- Meek, G. A., The occurrence of mature collagen fibres within the cytoplasm of fibroblasts, 99, 929, *P.*
see also Barer, R. & Bradbury, S.
Barer, R. & Joseph, S.
Carr, I. & Clegg, E. J.
- Meek, Margaret O., Some rare muscular anomalies, 49, 376-7
- Meesen, H., *Experimentelle Histopathologie: ein Einführungskurs*, 1952. 88, 264, *rev.*
- & Olszewski, J., *A cyto-architectonic atlas of the rhombencephalon of the rabbit*, 1949. 84, 57, *rev.*
- Megetiet, F. & Hepner, S., on relations between the material metamorphosis and tension of muscle, 5, 406, *rep.*
- Mégevand, on effect of digitalis on excretion of urea, 5, 206, *rep.*
on effect of crystalline digitalin, 8, 228, *rep.*
- Mehlis, on the Ligurian theory, 33, 685 (*ref. only*)
- Mehnert, on clinical relations of oesophageal and aortic varieties, 33, 682 (*ref. only*)
- Méhu, on absence of mucus in urine, 11, 567, *rep.*
- Meige, H., L'infantilisme, le féminisme et les hermaphrodites antiques, 30, 452, *rep.*
On gigantism, 38, 362, *P.*
see also Brissaud, G.
- Meigs, A. V., Cystic degeneration of the heart, spleen, liver and kidneys, 27, 454-63
The penetration of the muscular fibres of the human heart by capillaries, and the existence in that organ of very large capillaries, 33, 243-7
- Endophlebitis, 34, 458-64
- Meihwizeen, effects of potassium bromide, sodium bromide, zinc acetate, chloral, strychnine, caffeine morphia, digitalin on reflex activity, 8, 229-30, *rep.*
- Meiklejohn, Jean, On the innervation of the nodal tissue of the mammalian heart, 48, 1-18
On the topography of the intra-cardiac ganglia of the rat's heart, 48, 378-90
- Meissner, on trophic innervation of cornea, 2, 191, *rep.*
- & Shepard, on the source of hippuric acid, 1, 359, *rep.*
- Meissner, G., on the origin of uric acid in urine, 3, 239-40, *rep.*
on the origin of urea in urine, 3, 240, *rep.*
- Melassez, on number of red and white corpuscles in blood, 8, 408, *rep.*
- Melde, R., on polydactyly and congenital absence of tibia, 28, 378, *rep.*
- Melsens, on properties of vaccine-virus after exposure to low temperatures, 5, 207, *rep.*
- Melsome, W. S., variation of the sigmoid flexure of the colon, 27, xxx-xxxi, *P.*
on a specimen of hour-glass stomach, with peculiar pyloric orifice, 29, xxvi-xxvii, *P.*
- Meltzer, S., *see* Kronecker, H. & Falk, F.
- Melville Paterson, A., *see* Paterson, A. Melville
- Mendel, on temperature of the external auditory meatus, 9, 416, *rep.*
- Mendenhall, T. C., on time taken for motor response to visual stimuli, 6, 220, *rep.*
- Menger, Two cases of pseudohermaphroditism occurring in the same family, 38, 363, *P.*
- Menschik-Myszynski, Z., The influence of vitamin E on ovarian structure in mice, 80, 223-4, *P.*
- Menzies, A. G. H., *see* Pritchard, J. J.
- Menzies, G., Some new observations upon the granules of the oxyntic cells of normal rats, 83, 25-9
- Menzies, W. F., Two cases of single kidney, 21, 510
- Meola, F. & Bacunin, S., *Diprosopus triophthalmus*, 30, 456, *rep.*
- Mercadé, *see* Caubert
- Mercer, E. H., Comparison of natural biological membranes with artificial models, 93, 577, *P.*
Keratin and keratinization. An essay in molecular biology, 1961. 96, 543, *rev.*
- Mercer, J., The secondary os calcis, 66, 84-97
- Mering, J. V., on the action of chloral hydrate and croton chloral hydrate, 10, 654, *rep.*
- Mering, V., on nitrobenzol and glycosuria, 10, 650, *rep.*
- Merkel, F., On variations in pectoralis major, 2, 165, *rep.*
On the muscles of the iris, 2, 399, *rep.*
on bacillary layer of the retina, 5, 378-9, *rep.*
on muscle fibre of *Arthropoda*, 6, 442, *rep.*
on appearance of contracting muscle fibres in polarised light, 7, 329, *rep.*
on the femur, 8, 386-7, *rep.*
see also Henle, J.
- Merletti, on 76 cases of anencephaly, 43, 115, *rep.*
- Mermet, on valves of prepuce, 29, 467, *rep.*
- Merminod, A. editor, *The growth of the normal child during the first three years of life*, 1962. 96, 543-4, *rev.*
- Merrillees, N. C. R., Burnstock, G. & Holman Mollie E., The fine structure of smooth muscle and sympathetic nerves in the vas deferens, 97, 484, *P.A.S.A.N.Z.*
Appearances suggesting the exchange of cytoplasm between smooth muscle cells, 97, 487, *P.A.S.A.N.Z.*
- & Naylor, Winifred G., Structure and function of normal and glycerol-extracted cardiac muscle fibres of the toad (*Bufo marinus*) 98, 484-5, *P.A.S.A.N.Z.*
- Merritt, Onéra A., The theory of nerve components, especially with regard to its relation to the segmentation of the vertebrate head, 39, 199-241
- Merunowicz, on initiation of heart-beats, 11, 549-50, *rep.*
- Mess, B., *see* Szentágothai, J., Flerkó, B. & Halász, B.

Author Index

- Metcalf, W. K.**, Further studies of the sensitivity of erythrocytes to nitrites: the effects of age, pregnancy and malignant disease, **94**, 579, *P.*
- Further evidence bearing on the increased sensitivity of the haemoglobin of children, pregnant women and patients with malignant disease to oxidation, **95**, 285, *P.*
- The effect of diet on the oxidation sensitivity of rat haemoglobin, **95**, 452, *P.*
- Radiation, growth rate and the haemoglobin oxidation sensitivity of rats, **95**, 607, *P.*
- The nitrite sensitivity of rat haemoglobin: the effect of teratogenic and related dyes, **95**, 614, *P.*
- The nitrite sensitivity of rat haemoglobin: further experiments with teratogenic and related dyes, **96**, 420, *P.*
- Metabolic derivatives of thalidomide and the haemoglobin nitrite sensitivity reaction, **97**, 638-9, *P.*
- Teratogenesis, the nitrite sensitivity reaction and chemical structure, **97**, 144-5, *P.*
- Thalidomide, the nitrite sensitivity reaction and pyridoxine, **97**, 308-9, *P.*
- Thalidomide, the nitrite sensitivity reaction and the vitamin B complex, **97**, 479, *P.*
- The Walker carcinoma, riboflavine and the haemoglobin nitrite sensitivity reaction, **97**, 622-3, *P.*
- Radiation and the nitrite sensitivity reaction: the importance of the previous radiation history, **98**, 292, *P.*
- Radiation, immunization and nitrite sensitivity reaction, **98**, 464, *P.*
- Environmental factors and the haemoglobin nitrite sensitivity reaction, **98**, 687, *P.*
- Serotonin and the haemoglobin nitrite sensitivity reaction, **99**, 197-8, *P.*
- The application of phytohaemagglutinin (PHA) culture technique to rat leucocytes, **99**, 411, *P.*
- Phytohaemagglutinin culture of rat lymphopoietic tissues, **100**, 423-4, *P.*
- The effect of whole body gamma radiation on subsequent phytohaemagglutinin culture of rat blood, **100**, 695-6, *P.*
- & **Keohane, K. W.**, A preliminary report of a difference between juvenile and adult erythrocytes, **94**, 287, *P.*
- , **Osmond, D. G.**, **Winter, G. C. B.** & **Yoffey, J. M.**, The application of phytohaemagglutinin (PHA) culture technique to leucocytes from the peripheral blood of chronic lymphatic leukaemia, **99**, 425-6, *P. (dem.)*
- see also **Osmond, G. D.**
- Metschnikoff & Setschenow**, on action of the vagus on the heart, **8**, 193, *rep.*
- Metschnikoff, Elias**, on embryology of scorpions, **6**, 449, *rep.*
- Metschnikow**, on the development of the red-blood corpuscles in the chick, **2**, 397-8, *rep.*
- Mettam, A. E.**, The rudimentary metacarpal and metatarsal bones of the domestic ruminants, **29**, 244-53
- Mettams**, On occurrence of teeth in the temporal bones of horses, **38**, 366, *rep.*
- Meulen, van der & Dooremaal**, on stereoscopic vision, **9**, 219, *rep.*
- Meunier, H.**, A case of amelia, **32**, 792-3, *rep.*
- Meuriot**, on the physiological action of belladonna, **3**, 225-6, *rep.*
- Meyer**, Some abnormalities at the tail-end of an embryo, **40**, 294, *rep.*
- A case of holoacardius acephalus, **44**, 97, *rep.*
- Meyer, A. & Beck, Elizabeth**, Prefrontal leucotomy and related operations: anatomical aspects of success and failure, 1954. **89**, 422, *rev.*
- see also **Glees, P. & Meyer, M.**
- Meyer, A. & Meyer, M.**, *Boutons terminaux* in the cerebral cortex, **79**, 180-5
- Meyer, A. B.**, *Das Hemmungsnervensystem des Herzens. Eine vergleichend physiologische Studie*, 1869. **3**, 445-6, *rev.*
- inhibitory action of right and left vagus on heart, **7**, 180, *rep.*
- on action of vagus on heart, **8**, 404, *rep.*
- see also **Brunton & Meyer**
- Meyer, A. M.**, on the physiology of audition [hearing] **9**, 416, *rep.*
- Meyer, A. W.**, *Spolia anatomica*, **48**, 107-73
- Meyer, Carl**, on distribution of nerves of hind limbs of the frog, **4**, 305, *rep.*
- Meyer, E.**, on dark and pale striped muscles, **10**, 443, *rep.*
- on red and pale transversely striped muscles, **11**, 206-7, *rep.*
- see also **Stehbens, W. E.**
- Meyer, G.**, on the coccygeal gland [body], **1**, 356, *rep.*
- Meyer, G. H.**, on variation of long saphenous nerve, **5**, 378, *rep.*
- Meyer, Hermann**, on the mechanism of scoliosis [scoliosis], **1**, 151, *rep.*
- Mechanism of the human skeleton (upper limb), **1**, 356, *rep.*
- On architecture of spongy tissue of bone, **2**, 392, *rep.*
- On the mechanism of the human skeleton, **3**, 449, *rep.*
- & **Jablonski, W.**, Cultivation of nerve cells *in vitro* over a long period, **72**, 62-5
- see also **Jablonski, W.**
- Meyer, L.**, on an example of coloboma of the upper eyelid, **43**, 119, *rep.*
- Meyer, Ludwig**, on crania progenaea, **3**, 195, *rep.*
- on pointed ears, **6**, 444, *rep.*
- on form of skull, in relation to direction of cerebral convolutions, **11**, 542, *rep.*
- Meyer, M.**, see **Allison, A. C.**
- Clark, W. E. Le Gros
- Glees, P. & Meyer, A.
- Meyer, A.
- Meyer, Margaret**, see **Adey, W. R.**
- Sprague, J. M.
- Meyer, Paul**, *Études histologiques sur le labyrinthe membraneux et plus spécialement sur le limaçon chez les reptiles et les oiseaux*, 1876. **12**, 367, *rev.*
- Meyling, H. A.**, The structure of autonomic nervous tissue in the right atrium of the heart in some mammals, **83**, 66-7, *P.*
- Structure and significance of the peripheral autonomic nervous system, **83**, 78-9, *P.*
- Meynert, T.**, Cerebral convolutions of man, apes and carnivora, **13**, 267 (*t.o.*) comment by **Turner**, **13**, 273
- Mialhe**, on absorption of phosphorus, **3**, 222, *rep.*
- Miall, L. C. & Greenwood, F.**, The anatomy of the Indian elephant part I, the muscles of the extremities, **12**, 261-87; part II, the muscles of the head and trunk, **12**, 384-400; part III, **13**, 17-50
- Michaelson, I. C.**, Vascular morphogenesis in the retina of the cat, **82**, 167-74; **83**, 64, *P.*
- Michel**, on structure of the chiasma nervorum opticorum, **9**, 219, *rep.*
- Michel, J.**, on blood and lymphatic vessels of the cerebral dura mater, **8**, 174, *rep.*
- Mitchell, R. W.**, On topography of the rectum, **26**, xxi-xxiii, *P.*
- Michels, N. A.**, Blood supply and anatomy of the upper abdominal organs, 1955. **90**, 308, *rev.*

Author Index

- Michelsohn, on post-mortem rigidity of muscles, 8, 213, *rep.*
- Michelson, Paul, structure of Pacinian bodies, 3, 451, *rep.*
- Middleton Shaw J. C., *see* Shaw, J. C. Middleton
- Middleton, on congenital absence of left ulna, 33, 679 (*ref. only*)
- Middleton, G. S., On vascular lesions in hydrophobia and in other diseases characterised by cerebral excitement, 15, 88-104
- Middleton, H. & Towers, B., A specimen with unusual congenital anomalies of the cardiovascular system, 89, 580, *P.*
- Mies, on perodactyly of hand, 1 case, 26, 440, *rep.*
- Miescher, on sensory tracts in the spinal cord, animal experiments, 6, 220-1, *rep.*
- on chemical composition of pus, 6, 471, *rep.*
- on nuclear structures of yolk of hen's egg, 6, 471, *rep.*
- Miescher, F., On chemical composition of spermatozoa, 9, 411-12, *rep.*
- Mignon, On skiagraphy of a case of double thumb, 33, 500 (*ref. only*)
- Mihalkovics, V., On the pecten in the eye of a bird, 8, 177, *rep.*
- Mihalkovics, V., von. On anatomy of the testicle, 9, 207, *rep.*
- Development of the brain in man and higher vertebrates, 13, 267 (*t.o.*); comment by Turner, 13, 280-1
- Mikluch-Maclay, on brain of *Chimaera monstrosa*, 4, 163, *rep.*
- Miles, A., Some applications of the method on injecting fusible metal, 25, 562-5
- Miles, A. E. W. & Boyde, A., Observations on the structure of elephant ivory, 95, 450, *P.*
- Mill, Malformations of the uterus, 38, 369, *rep.*
- Millar, R., *see* Bridges, J. B.
- Millard, A., *see* Burvell, R. G.
- Millen, J. W., Observations on the innervation of blood vessels, 82, 68-80
- The nutritional basis of reproduction, 1962. 97, 297, *rep.*
- & Davies, J., A specimen of synotia in the sheep, 85, 418, *P.*
- & Dickson, A. D., The treatment of hydrocephalus, in rabbits due to maternal hypovitaminosis A., 90, 599-600, *P.*
- & Rogers, G. E., The fine structure of the chorioid epithelium in the rabbit, 90, 589, *P.*
- & Woollam, D. H. M., Vascular patterns in the choroid plexus, 87, 114-23
- The relationship between the cerebro-spinal fluid pressure and the occurrence of hydrocephalus in the young of female rabbits subjected to experimental hypovitaminosis A, 90, 567, *P.*
- The role of cortisone in relation to experimentally induced abnormalities, 91, 592, *P.*
- The protective effect of insulin in relation to the teratogenic activity of cortisone and hypervitaminosis A, 92, 644, *P.*
- Thyroxine and hypervitaminosis A, 93, 566, *P.*
- The anatomy of the cerebrospinal fluid, 1962. 96, 542, *rev.*
- & — & Lamming, G. E., Experimental hypervitaminosis-A in relation to hydrocephalus in the rabbit, 88, 566, *P.*
- see also* Dickson, A. D.
- Woollam, D. H. M.
- Woollam, D. H. M. & Fozzard, J. A. F.
- Miller, Case of congenital dilatation of the gall-bladder and bile-ducts, 38, 369, *rep.*
- Miller, H. G., *see* Snellen H.
- Miller, James, The arrangement of the elastic fibres in the bronchi and lung, 40, 162-70; 39, xxix-xxx, *P.*; 40, v, *P. (t.o.)*
- Case of abnormally placed kidney, 43, 192, *anat. not.*; 43, i, *P. (t.o.)* (June 1908)
- Miller, J. A. W., *see* Thompson, A. R. & Ferguson, W. J.
- Miller, M. E., *Guide to the dissection of the dog*, 1952. 88, 434, *rev.*
- , Christensen, G. C. & Evans, H. E., *Anatomy of the dog*, 1964. 99, 405, *rev.*
- Miller, R. L., Paisley, P. B. & Pritchard, J. J., Tendon repair, 97, 304, *P.*
- see also* Olson, E. O.
- Milligan, W. *see* Cameron, John
- Millot, J., *Cicatrisation et régénération*, 1931. 66, 673, *rev.*
- Mills, T. Wesley, On the physiology of the heart of the alligator, 20, 549-58
- The rhythm and innervation of the heart of the sea-turtle, 21, 1-20
- On the physiology of the heart of the snake, 22, 1-8
- Mills, W., *A text-book of animal physiology*, 1889. 24, 612, *rev.*
- Mills, W. M., A case of supernumerary kidney, 46, 313-18
- Milne Dickie, J. K., *see* Dickie, J. K. Milne
- Milne-Edwards, A. & H., *see* Edwards
- Milnes Marshall, A., *see* Marshall, A. Milnes
- Milward, on three cases of small pile-like tumour in the anus, 43, 121, *rep.*
- Minett, F. C., The organ of Jacobson in the horse, ox, camel and pig, 60, 110-18
- Minot, *see* Bowditch
- Minot, Charles Sedgwick, Experiments on tetanus, 12, 297-339
- Human embryology*, 1892. 27, 429, *rev.*
- The embryological basis of heredity, 36, 297, *rep.*
- Minovici & Javara, on a case of transposition of the viscera, 33, 684 (*ref. only*)
- Mintz, Beatrice editor, *Environmental influences in prenatal development*, 1958. 94, 279, *rev.*
- Mirsky, A. E., *see* Bracher, Jean and Mirsky, A. E.
- Mitchell, G. A. G., The innervation of the kidney, ureter, testicle and epididymis, 70, 10-32
- The innervation of the ovary, uterine tube, testis and epididymis, 72, 508-17
- The nerve supply of the gastro-oesophageal junction, 72, 623-4, *P.*
- Radiographic studies of intra- and extra-peritoneal effusions, 72, 626, *P. (dem.)*
- Dissections of abdominal sympathetic nerves, 72, 626, *P. (dem.)*
- A specimen showing unusual arrangements of autonomic nerves, 73, 492-8, *anat. not.*
- The condition of the peritoneal vaginal processes at birth, 73, 658-61; 73, 668, *P. (disc. only)*
- Dissections of autonomic nerves, 73, 669, *P. (dem.)*
- A macroscopic study of the nerve supply of the stomach, 75, 50-63; 74, 142, *P. (disc. only)*
- An anatomical evaluation of operations for hypertension, 81, 387-8, *P.*
- The nerve supply of the kidney, 84, 70, *P.*
- The renal fascia, 84, 76, *P.*
- Microradiographic demonstration of tissues treated by metallic impregnation, 84, 405, *P.*
- The rostral extremities of the sympathetic trunks, 86, 492, *P.*
- Intrinsic visceral nerves, 87, 438-9, *P.*
- Cardiovascular innervation*, 1956. 90, 457, *rev.*
- Advances in microradiography and X-ray microscopy, 90, 598, *P.*

Author Index

- Mitchell, G. A. G., Samuel, E. P. & Warwick, R.**, The roots and spinal origin of the phrenic nerve in the rhesus monkey, 88, 562, *P.*
- & **Warwick, Ruth**, Nuclei of IX, X and XI complex of cranial nerves, 88, 569, *P.*
see also Warwick, Ruth
- Mitchell, J. E.**, *see* McMinn, R. M. H.
- Mitchell, L. J.**, on 7 cases of anomalies in kidneys, 26, 437, *rep.*
Notes on a series of thirty-nine cases of Meckel's diverticulum, 32, 675-8
- Mitchell, P. Chalmers**, On a double chick embryo, 25, 216-24
- Mitchell, R.**, Some observations on the histology of the infant testicle, 84, 75, *P.*
- Mitchell, Silas Weir**, on insusceptibility of pigeons to toxic action of opium, 3, 479-80, *rep.*
on action of opium alkaloids, 4, 312-13, *rep.*
on effect of subcutaneous injections of chloral, chloroform and ether, 5, 390, *rep.*
effects of the venom of a rattlesnake on blood, 5, 395-6, *rep.*
- Mitchell, W.**, on influence of nerve lesions upon temperature, 8, 427, *rep.*
- Mitchinson, A. G. & Yoffey, J. M.**, Respiratory displacement of larynx, hyoid bone and tongue, 81, 118-20; 80, 243, *P.*
Movements of the vocal cords and neighbouring structures in altering the pitch of the voice, 81, 400, *P.*; 81, 404, *P. (dem.)*
Changes in the vocal folds in humming low and high notes. A radiographic study, 82, 88-92
- Miträ, M. L.**, on the ultimate structure of muscular tissue, 2, 167, *rep.*
- Mitra, N. L.**, A comparative study of neuron types in the mammalian neo-cortex, 86, 487, *P.*
Quantitative analysis of cell types in mammalian neo-cortex, 89, 467-83
- Mitra, S. K.**, The terminal distribution of the hepatic artery with special reference to arterio-portal anastomosis, 100, 651-63
- Mitrophanow, P.**, Experiments in varnishing egg shell, 35, 497, *rep.*
- Mittler**, on blood-transfusion, 4, 324, *rep.*
- Miura**, on an example of sinistral and post-oesophageal origin of right subclavian artery, 33, 504 (*ref. only*)
- Mivart, St. George**, Notes on the osteology of the insectivora, 1, 281-312
on myology of *Echidna hystrix*, 1, 357, *rep.*
On serial homology of the fore and hind limbs of the *Echidna hystrix*, 1, 357, *rep.*
Notes on the osteology of the insectivora [with general review], 2, 117-154
on appendicular skeleton of *Simia*, 2, 403, *rep.*
on myology of *Iguana tuberculata*, 2, 405, *rep.*
on the skeleton of the limbs of primates, 2, 403, *rep.*
on the skull of *Indris Diadema*, 2, 404, *rep.*
on the use of the term Homology, 5, 198-9, *rep.*
On the genesis of species, 1871. 5, 363, 370-2, *rev.*
on axial skeleton of *Urodela*, 5, 386, *rep.*
Lessons in elementary anatomy, 1873. 7, 321, *rev.*
on skull and other parts of skeleton of *Lepilemur* and *Cheirogaleus*, 9, 404, *rep.*
on axial skeleton of *Struthio camelus*, 9, 405, *rep.*
see also Murie, J.
- Miyagawa, Y.**, The exact distribution of the gastric glands in man and in certain animals, 55, 56-67
- Mizeres, N. & Gardiner, E.**, *Methods of dissection*, 1963. 98, 137-8, *rev.*
- Mocquot**, A case of congenitally atrophic penis, 39, 507, *rep.*
- Moens**, on experimental production of pulse waves, 13, 409-10, *rep.*
- Moffat, D. B.**, Regulation of the choroidal circulation in the dog and cat, 86, 490, *P.*
On the so-called 'Polypoid formations' in arteries, 89, 560, *P.*
The development of the hind-brain arteries in the rat, 91, 25-39; 90, 585, *P.*
An unusual type of intra-arterial cushion in the arteries of the rat's eye, 91, 577, *P.*
The form of the aortic arches in rat embryos at different stages of development, 92, 643, *P.*
A regulatory mechanism in the uterine artery of the rat, 92, 663, *P.*
The development of the common carotid artery, 93, 572, *P.*
The development of the intra-arterial cushions in the arteries of the rat's eye, 93, 579, *P.*
The development of the anterior cerebral artery in the rat, 94, 292, *P.*
The 'Subclavian Shelf' and its possible relation to coarctation of the aorta, 94, 574, *P.*
A case of persistence of the primitive olfactory artery, 95, 453, *P.*
The development of the posterior cerebral artery, 95, 485-94
The distribution of red blood cells within the renal cortex, 99, 409, *P.*
The fine structure of the interstitial cells of the medulla of the rat kidney, 99, 931-2, *P.*
- & **Fourman, Julia**, The fine pattern of the blood vessels of the rat kidney, 96, 418, *P.*
The vascular pattern of the rat kidney, 97, 543-53
- & **Morris, E. D.**, Abnormal origin of the basilar artery from the cervical part of the internal carotid and its embryological significance, 89, 580, *P.*
see also Brockis, J. G.
Fourman, Julia
- Möhlenfeld**, on peptones from fibrin, 7, 352, *rep.*
on peptones, 8, 204, *rep.*
- Mohuiddin, A.**, The vomeronasal nerve and the nerve terminalis in the human embryo, 81, 390, *P.*
The fate of the nerves of the deciduous teeth, 84, 319-23
The post-natal development of the inferior dental nerve of the cat, 85, 24-35; 84, 405-6, *P.*
see also Goldy, F.
- Moin**, on cubic space and volume of air, 8, 203, *rep.*
- Moiser**, *Hermaphroditism*, 39, 499, *rep.*
- Moitissier**, on heat absorption during incubation of eggs, 7, 185-6, *rep.*
- Mok, H.**, *see* Darian-Smith, I. & Isbister, J.
- Moll, J.**, *see* Jager, K. W.
- Möllendorff, W. von**, *Handbuch der mikroskopischen Anatomie des Menschen*, Band III, Teil 3, 1957. Band IV, Teil 5, 1957. 92, 490, *rev.*; Band. IV, Teil 3 and Teil 8, 1958. 93, 556, *rev.*
- Möller, Essen**, *see* Essen-Möller
- Molyneux, G. S.**, The structure of cortical cells in the hair of the bandicoot (*Perameles nasuta*) 97, 488, *P.A.S.A.N.Z.*
Observations on the distribution of arteriovenous anastomoses in sheep skin, 98, 483, *P.A.S.A.N.Z.*
The nature of the intercellular material between vascular epithelioid cells, 99, 951, *P.A.S.A.N.Z.*
The fine structure of dermal arteriovenous anastomoses in the sheep, 99, 951, *P.A.S.A.N.Z.*
- & **Scott, Mary J.**, The cytology of the carotid body in normal and hypoxic states, 100, 942, *P.A.S.A.N.Z.*
see also Thorburn, G. D., Casey, B. H. & Molyneux, G. S.

Author Index

- Monakow, on the anatomy and physiology of the inferior parietal lobule, 33, 506 (*ref. only*)
- Monakow, von. Case of cyclopia, 32, 786-7, *rep.*
A case of microcephaly, 34, 416, *rep.*
- Moncany & Delaunay, On hermaphroditism, 40, 294, *rep.*
- Monckeberg, Congenital malformations of the heart, 44, 101, *rep.*
- Mond, A case of absence of the vagina, 39, 507, *rep.*
- Monie, I. W., Some observations on the subendothelial cushions of the umbilical arteries, 79, 137-44
The intra-abdominal portions of the foetal umbilical arteries, 80, 231, *P.*
Development of the trigone of the bladder and the termination of the mesonephric ducts, 80, 244-5, *P.*
The development of double ureters in human embryos, 81, 395, *P.*
- Monk, *see* Salkowski
- Monkton, G., *see* Paul, W. M. *et al.*
- Monnik, on intraocular pressure, 5, 400, *rep.*
- Monro, Congenital deficiency of certain phalanges, 37, 310, *rep.*
- Monro, P. A. G., Sudomotor escape areas after thoracolumbar sympathectomies, 84, 401, *P.*
Connections of lumbar 'intermediate' sympathetic ganglia, 85, 417-18, *P.*
Anterior rhizotomy of preganglionic fibres in man, 88, 567, *P.*
Technique for the study of microcirculation, 92, 634, *P.*
Sympathectomy: an anatomical and physiological study with clinical applications, 1959 94, 279-80, *rev.*
Arteriovenous anastomoses *in vivo*, 97, 635, *P.*
- Monro, T. K., On the clinical value of the four-root theory of the cranial nerves, 30, 36-44
On the optic nerve as part of the central nervous system, 30, 45-8
- Monsarrat, *see* Warrington
- Montagna, W., The formation of the hair germ in hair follicles, 90, 575-6, *P.*
editor, Advances in the biology of the skin Volume I. *Cutaneous innervation*, 1960 95, 443, *rev.*
- & Ellis, R. A. *editors, Advances in biology of skin*. Volume II. Blood vessels and circulation, 1961. 96, 410, *rev.*
- & Silver, Alene F. *editors, Advances in biology of skin* Vol. 3, 1962. 98, 140, *rev.*, Vol 4, 1963. 99, 182, *rev.*
- & Formisano, V. R., Esterase activity in the skin of mammals, 89, 425-9
- & Harrison, R. J., Adaptations in the skin of the common seal (*Phoca vitulina*) 90, 597, *P.*
- Montagu, M. F. Ashley, A note on a rare type of pterion in the gorilla, 64, 247-9
On post-frontal and orbital elements in a young gorilla skull, 65, 446-56
The upper jaw of a negro foetus showing the premaxillary element still partially separate... 81, 404, *P. (dem)*
- Montegazza, Paul, on the action of Guarana (fruit of *Paullinia sorbilis*) 2, 421, *rep.*
- Monteiro, Henâni Bastos, Multiple anomalies in a human heart, 52, 335-42
- Monteverdi, Angelo, on action of quinia on the uterus, 6, 498-9, *rep.*
- Monto, R. W., *see* Rebuck, J. W. & Bethell, F. H.
- Moodie, R. L. *editor, Studies in the palaeopathology of Egypt*, by Sir Marc A. Ruffer, 1921. 56, 160, *rev.*
- Moody, Robert Orton, The position of the abdominal viscera in healthy, young British and American adults, 61, 223-31; 60, 484, *P.*
- Mookerji, P. D. *see* Nat, B. S.
- Moon, on structure and mode of function of the human ear, 4, 326, *rep.*
- Moor, R. M., *see* Rowson, L. E. A.
- Moore, Frederick Craven, Unilateral renal aplasia: 'unsymmetrical kidney', 33, 400-12
The 'unsymmetrical' kidney;—its compensatory enlargement, 38, 71-81
- Moore, R. E., *see* Davis, P. R.
- Moore, S., on appearance of crystals in jar of preserved brain, 2, 180, *rep.*
- Moore, W. D., Notices of recent Dutch and Scandinavian contributions to anatomical and physiological science, 1867, 1, 171-184, 1, 363-7; 2, 194-9; 2, 432-6; 3, 242-51; 4, 191-5; 4, 332-9; 5, 227-32
Translation of Dr. F. Donders on the work performed in pile driving, 1, 168-9
Translation of Dr. F. Donders on the influence of accommodation on the idea of distance, 1, 169-70
Translation and abbreviation of *On Ciliary Motion* by T. H. Engelmann, 3, 420-35
- Moorhead, Gillman, The anatomy of a sirenomelian monster, 39, 450-61
- Moorhead, T. G., The relative weights of the right and left sides of the body in the foetus, 36, 400-4
A study of the cerebral cortex in a case of congenital absence of the left upper limb, 37, 46-9
- Moos, on defects of hearing for certain consonants and high notes, 10, 634, *rep.*
- Moos, S., on physiology and pathology of the Eustachian tube, 9, 220, *rep.*
- Moran Campbell, E. J., *see* Campbell, E. J. Moran
- Morano, on lymph sheaths of choroidal vessels, 8, 400, *rep.*
- Morano, F., on pigmented layer of retina, 6, 443, *rep.*
- Moreau, on effect of section of nerves of the intestine, 3, 214, *rep.*
on innervation of the vessels of rabbit's ear, 7, 347, *rep.*; 8, 184-5, *rep.*
on mode of action of saline purgatives, 8, 231, *rep.*
on circulation in the ear of the rabbit, 9, 221, *rep.*
- Moreau, Armand, on mechanism of purgative action of magnesium sulphate, 5, 201
- Moreaux, A., *Cours elementaire de dessin d'anatomie du squelette*, 1934 69, 127, *rev.*
- Morel, on a case of Meckel's diverticulum, 42, 138, *rep.*
- Morel, J., Demonstration showing development of vitreous body in the embryo of the chick, 61, 519, *P.*
- Moreno y Maiz, Thomas, on chemical and physiological properties of coca, 2, 420-1, *rep.*
- Morest, D. Kent, Connections of the dorsal tegmental nucleus in rat and rabbit, 95, 229-46
The neuronal architecture of the medial geniculate body of the cat, 98, 611-30
The laminar structure of the medial geniculate body of the cat, 99, 143-60
The lateral tegmental system of the mid-brain and the medial geniculate body: study with Golgi and Nauta methods in cat, 99, 611-34
- Morestin, on supernumerary lumbar and cervical ribs, 33, 679 (*ref. only*)
Congenital dislocation of the hip, 37, 309, *rep.*
A case showing a post-minimus on both hands and both feet of the same person, 37, 309, *rep.*
- Morestin, H., Anomalous arrangement of the large intestine, 31, 460, *rep.*
Congenital lipoma of the second right toe in child aged three, 35, 508, *rep.*
Congenital lymphangiectatic enlargement of the left arm, 35, 508, *rep.*

Author Index

- Morgan, David**, a series of radiographs, 37, lxx, P.
- Morgan, T. H.**, Half and whole embryos from the frog's egg, 30, 454-5, *rep.*
- Morgand**, on Tertiary man, 33, 685 (*ref. only*)
- Moriggia, A.**, reaction of sweat and urine, 8, 422, *rep.*
on sugar in foetus and adult, 10, 221-2, *rep.*
on digestive fluid in the foetus, 9, 235-6, *rep.*
- Morison**, on cervical rib, recognised during life, 33, 499-500, *anat. not.*
- Morison, A.**, on bone absorption by means of giant cells, 8, 425, *rep.*
- Morison, Alexander Blackhall**, On the innervation of the sino-audicular node (Keith-Flack) and the auriculo-ventricular bundle (Kent-His) 46, 319-27
The auriculo-ventricular node in a malformed heart, with remarks on its nature, connexions and distribution, 47, 459-78
Congenital stenosis of the pulmonary arterial valve with patent foramen ovale, in an old man: with remarks on the valvular factor in cardiac action, 52, 251-5
Persistent foramen primum, with remarks on the nature and clinical physiology of the condition, 54, 90-5
Malformed heart with redundant tricuspid segments and abnormal local attenuation of the right ventricular wall, 57, 262-6,
Sections illustrating certain hitherto undescribed features of the musculature of the aorta and of the cardiac valves, 59, 18, *S.P.*
A malformed heart presenting unusual features, 59, 42, *S.P. (t.o.)*
Note on the innervation of the ventricle of the human heart, 60, 143-5; 60, 469, *P. (disc.)*
innervation of the human atrium, demonstration, 61, 519, *P.*
Cardiac malformations with vascular anomalies, 62, 227-31 (1 case); 61, 509, *P. (t.o.)*
— & **Shaw, Ernest Henry**, Cardiac and genito-urinary anomalies in the same subject, 54, 163-5
- Morison, Basil Gordon**, The arrangement of the azygos and superior intercostal veins in the thorax, 13, 346-9
- Morison, J. R.**, Congenital tumour on the face of a child, 31, 458, *rep.*
- Moritz, S.**, A contribution to the pathological anatomy of lead-paralysis, 15, 78-87
- Moriggia**, on formation of sugar in foetus and adult, 9, 440, *rep.*
- Morrill**, on innervation of the olfactory epithelium, 33, 684 (*ref. only*)
- Morrin**, A case of pseudo-hermaphroditism, 70, 201, *P. (t.o.)*
- Morris, B.**, *see* Heath, T. J. & Lascelles, A. K.
- Morris, D. B.**, Early re-innervation of motor end-plates in partially denervated muscle, 86, 477, *P.*
- Morris, E. D.**, *see also* Moffat, D. B.
- Morris, J. M., Benner, G. & Lucas D. B.**, An electromyographic study of the intrinsic muscles of the back in man, 96, 509-20
- Morrison, A. B.**, The levatores costarum and their nerve supply, 88, 19-24; 86, 496-7, *P.*
— & **McCance, R. A.**, Morphological observations on the bones of a pig on a low plane of nutrition from birth, 88, 566, *P.*
- Morrison, John T.**, A palmaris longus muscle with a reversed belly, forming an accessory flexor muscle of the little finger, 50, 324-6
- Morrison, L. R., Cobb, S. & Bauer, W.**, *The effect of advancing age upon the human spinal cord*, 1959. 93, 554-5, *rev.*
- Morshead, E. A.**, *see* Ringer, S
- Mortillet, A.**, on the Manx cat, 28, 375, *rep.*
- Mortimer Woolf, A. E.**, *see* Woolf, A. E. Mortimer
- Morton, W. R. M.**, A stereoscopic X-ray method of reconstruction, 75, 265-6, *anat. not.*
Arhinencephaly and multiple developmental anomalies occurring in a full-term human foetus, 80, 245, *P.*
Two early human embryos, 83, 308-14
A pre-villous human conceptus of about 10 days of age, 83, 86, *P.*; 83, 308-14
A pre-somite human conceptus of about 14 days of age with special reference to the yolk-sac formation, 84, 66, *P.*
Congenital cystic eye in a 5 mm. human embryo, 84, 400-1, *P.*
Puncta lacrimalia and canaliculi in cyclopia, 85, 410, *P.*
Encephalon bifidum, 85, 431-2 *P.*
The rate of prenatal development of the goat *Capra hircus*, 86, 482, *P.*
Closure of the pleuro-peritoneal openings in human and goat embryos, 87, 458-9, *P.*
Observations on the vitelline veins and yolk-sac of 11 mm. C.R. twin and other human embryos, 88, 572-3, *P.*
Placentation in a full-term spotted hyena (*Crocota crocuta Eryxleben*) 90, 581, *P.*
Duplication of stomatodaeal structures in a male infant, 90, 594, *P.*
Stereo colour transparencies as an aid to embryology, 91, 589, *P.*
A chimpanzee placenta and foetus *in situ*, 91, 605, *P.*
Placentation in the spotted hyena (*Crocota crocuta Eryxleben*) 91, 374-82
Dorsal mid-line defects in two human embryos, 92, 644, *P.*
'Fragilitas ossium' in a Patas monkey, 92, 662, *P.*
Morphological changes in the genital tract of the rat following interference with the gonadal blood supply, 92, 671, *P.*
The auditory apparatus of a foetus from a woman with two deaf-mute children, 93, 565-6, *P.*
Mating and birth of a camel, 94, 291, *P.*
Observations on the full-term foetal membranes of three of the camelidae (*Camelus dromedarius* L., *Camelus bactrianus* L. and *Lama glama* L.) 95, 200-9
The venous drainage of the pampiniform plexuses of the testes of the rat, (*R. norvegicus*) 95, 281, *P.*
The effect of section of the testicular blood vessels in immature rats, (*R. norvegicus*) 95, 291, *P.*
Further observations on the placenta of the Ca'ing whale *Globicephala melaena* (Traill), 96, 417, *P.*
Observations on the testes of the Ca'ing whale *Globicephala melaena* (Traill), 97, 143, *P.*
Observations on two full-term chorionic sacs of the lion (*Felis leo*, L.) 97, 621-2, *P.*
—, **Bishun, N. P., Robinson, J. S. & Rashad, N. M.**, Observations on chromosomes of some carnivores, 98, 687, *P.*
— & **Mulholland, H. C.**, The placenta of the Ca'ing whale *Globicephala melaena* (Traill) 95, 605, *P.*
— & **Scott, J. H.**, Skeletal remains from an ancient burial mound in County Down, 89, 567, *P.*
see also Beattie, F. J. R.
Meban, C. & Bishun, N. P.
- Morwood, P. I.**, *see* Donaldson, E. G. & Whitting, H. W.
- Moscona, A. & Moscona, H.**, The dissociation and aggregation of cells from organ rudiments of the early chick embryo, 86, 287-301
The development *in vitro* of the anterior lobe of the embryonic chick pituitary, 86, 278-86

- Moseley, on injection of blood vessels in *Coleoptera*, 7, 185, *rep.*
- Moseley, H. N., on preparation of organ of Corti for microscopy, 7, 170, *rep.*
on preparation of eye in insects for microscopical investigation, 7, 170, *rep.*
- & Lankester, E. Ray, On the nomenclature of mammalian, and on the dentition of the mole (*Talpa Europaea*) and the badger (*Meles taxus*) 3, 73-80
- Moser, on an example of anterior duplicity in a trout, 43, 118, *rep.*
- Mosfr, on a liver with 16 lobes, 33, 504 (*ref. only*)
- Moskau, O. v. Leonowa-, *see* Leonowa-Moskau, O. v.
- Mosler, on urine in diabetes insipidus, 3, 241, *rep.*
on function of the spleen, 6, 243, *rep.*
- Mossman, H. W., *see* Hamilton, W. J. & Boyd, J. D.
- Mosso, on chemical irritation of the nerves of the heart, 8, 193, *rep.*
on movements of the oesophagus, 8, 416-17, *rep.*
on effects of various drugs on the pupil, 11, 190-1, *rep.*
- Mosso, A., on properties of blood-vessel walls of isolated kidneys and livers, 10, 636-9, *rep.*
on hydraulic movements of the iris, 11, 190-1, *rep.*
- Most, on lymphatics of the larynx, 33, 682 (*ref. only*)
- Moszkowski, Action of gravity and development of the frog's egg, 38, 360, *P.*
- Mott, F., Microscopical examination of Clarke's column in man, monkey and the dog, 22, 479-95; discussion, 22, vii, *P.*
- Motta, Absence of the tibia, 32, 794, *rep.*
- Motte, J., The value of the chondriome in green plants, 61, 497-8, *P.*
- Mottershead, S., Some anatomical causes of pressure at the cervico-brachial outlet, 81, 399, *P.*
- Motwani, R. C., Some rare abnormalities of bones in the Anatomy Museum of the Grant Medical College, Bombay, 71, 131-3
- Mouchet, on a liver with rudimental left lobe, 33, 353 (*ref. only*)
A case of ectromelia of the thumb, 39, 510, *rep.*
- Mouchet, A., Brachydactyly, 31, 461, *rep.*
- Mouchotte, Three cases of hemimelia and congenital amputation, 38, 371, *rep.*
- Mouchotte, J., Case of congenital union between the atlas and the occiput, 35, 502, *rep.*
- Moullin, C. Mansell, A contribution to the morphology of the prostate, 29, 201-4
- Moullin, C. W. M., The membrana propria of the mammary gland, 15, 331-45
- Mountcastle, V. B., *see* Powell, T. P. S.
- Moura, on deglutition, 2, 193, *rep.*
- Moussu, Abnormal vagina in a heifer, 44, 103, *rep.*
- Moutard-Martin, R. & Richet, C., on experimental researches on polyuria, 16, 148, *rep.*
- Moxon, W., on termination of a motor nerve, 1, 357, *rep.*
On some points in the anatomy of stentor and on its mode of division, 3, 279-93
- Moynihan, On the double nature of the duodeno-jejunal fossa, 33, 354 (*ref. only*)
on peritoneal fossae, 33, 505 (*ref. only*)
- Mudge, George P., Variation in the vertebral column of *Lepus picipilus*, 32, xxvii-xxx, *P.*
An interesting case of connection between the lungs and systemic circulatory system and of an abnormal hepatic blood supply in a frog (*Rana temporaria*) 33, 54-63; 33, lv, *P.*
- Male dogfish, with abnormal external genital apparatus; Frog's hind foot, with boney union between fourth and fifth metatarsals, 34, iii-iv, November 1899
- Frog, with variation of rectus abdominis muscle; Connection between systemic and hepatic portal systems in rabbit, 34, iv-v, November 1899
- Certain abnormal arrangements of the large veins in *Rana temporaria*, 43, v, *P.* (November 1907) (*t.o.*)
- Muir, A. R., The development of the sinu-atrial node in the heart of the sheep, 85, 430, *P.*
The differentiation of the conducting system in the ventricles of the embryonic sheep, 87, 436, *P.*
The development of the ventricular part of the conducting tissue in the heart of the sheep, 88, 381-91
Observations on the fine structure of the Purkinje fibres in the ventricles of the sheep's heart, 91, 251-8
The cellular structure of rabbit cardiac muscle, as observed with the electron microscope, 91, 570, *P.*
Observations on the attachment of myofibrils to the sarcolemma, 93, 578, *P.*
Observations on extracted and intracellular ferritin, 94, 287-8, *P.*
Desmosomes and terminal bars in intestinal epithelium, 96, 422, *P.*
Further observations on the cellular structure of cardiac muscle, 97, 642, *P.*
Further observations on the cellular structure of cardiac muscle, 99, 27-46
The effects of calcium ion depletion on the ultra-structure of the rat heart, 100, 437, *P.*
- & Allbrook, D. B., Observations on the satellite cells of skeletal muscle, 99, 408, *P.*
- & Goldberg, L., Observations on the synthesis of ferritin in subcutaneous macrophages, 95, 448, *P.*
- , Kanji, A. H. M. & Allbrook, D., The structure of the satellite cells in skeletal muscle, 99, 435-444
- & Kerr, D. N. S., Observations on erythropoiesis with the electron microscope, 91, 602, *P.*
see also Iggo, A.
Mackay, B. & Peters, A.
Peters, A.
- Muir, R., Contributions to the physiology and pathology of the blood, part I, 25, 256-77 (platelets); part II, 25, 352-62 (leucocytes), 362-73 (erythrocytes); part III, 25, 475-504 (anaemias, leucocythemia, lymphadenoma)
- & Drummond, W. B., On the structure of the bone marrow in relation to blood-formation, 28, 125-41
- Mulden, C., on anencephaly, 28, 370, *rep.*
- Mulholland, H. C. & Pritchard, J. J., The fracture gap, 93, 590, *P.*
see also Morton, W. R. M.
Pritchard, J. J. & McDaniel, J. T.
- Mullarky, R. E., *The anatomy of varicose veins*, 1965, 100, 417, *rep.*
- Müller, on action of quinine on haemoglobin, 7, 346, *rep.*
on sensibility to sound, 8, 187, *rep.*
on capacity of frogs for resisting high and low temperatures, 8, 430, *rep.*
on the position of the duodenum in the foetus, 33, 354 (*ref. only*)
- Müller, A., on dialysis of casein, 3, 238, *rep.*
- Müller, C. F., on structure of the cornea, 2, 400, *rep.*
- Müller, J., on gaseous exchange of blood in lungs, 5, 221-2, *rep.*
see also Ebstein, W.
- Müller, J. Worm, on pre-existing current in muscle, 5, 218, *rep.*

Author Index

- Müller, J. Worm**, on nucleine, 8, 431, *rep.*
on the dependence of the arterial blood-pressure on the quantity of blood, 9, 222-4, *rep.*
- Müller, K.**, on influence of activity of skin on secretion of urine, 8, 421, *rep.*
- Müller, Max**, on Darwin's Philosophy of language, 7, 339, *rep.*
- Müller, O.**, *Die feinsten Blutfäße des Menschen*, Erster Band, 1937. 72, 638, *rev.*
- Mullick, A. N.**, *see* Siddiqi, M. A. H.
- Mulligan, J. H.**, Complete absence of corpus callosum of the human brain, 64, 108, *P.*
A method of staining the brain for macroscopic study, 65, 468-72; 66, 132, *P.*
The innervation of the ligaments attached to the bodies of the vertebrae, 91, 455-65
The canalicular system of bone, 92, 672, *P.*
- Mulliner, Mary R.**, *Elementary anatomy and physiology*, 4th ed. 1938. 73, 348, *rev.*
- Münchmeyer, E.**, on arrested development of the urogenital system, 3, 456-7, *rep.*
- Mundé**, Congenital malformations of female genitalia, 34, 421, *rep.*
- Munk**, on electrical activity in muscle, 4, 330, *rep.*
On partial stimulation of nerves, 11, 544, *rep.*
On the estimation of ammonia in the urine, 13, 249, *rep.*
on functions of the cortex cerebri, 16, 137-41, *rep.*
- Munk, H.**, on the cataphoric changes of moist porous bodies, 8, 410, *rep.*
- Munk, I.**, on the formation of urea in the liver, 10, 650, *rep.*
- Munkacsi, I.**, The blood supply of the kindey of the grivet monkey, 97, 626, *P.*
- Munro**, Congenital absence of one tibia, 39, 510, *rep.*
- Munro, R. R.**, *see* Freedman, L.
Fuller, K. M.
- Müntz**, *see* Schloessing
- Muratov**, on a case of atresia vagina treated by formation of artificial vagina, 43, 121, *rep.*
- Murie, J.**, On *Otaria jubata*, 4, 163, *rep.*; 6, 446, *rep.*
On the gular pouch and sphincter muscle of *Otis tarda*, 4, 162, *rep.*
On Risso's grampus, *G. rissoanus* (Desm.), 5, 118-38
On irregular growth in the salmon, 5, 198, *rep.*
On a larval oestrus found in a hippopotamus, 5, 198, *rep.*
On anatomy of Saiga Antelope, 5, 382, *rep.*
On variation in horns of *Cervus eldi*, 5, 382, *rep.*
On mode of progression and anatomy of *Phoca groenlandica*, 5, 382, *rep.*
On anatomy of prongbuck, 5, 382, *rep.*
On *Taenia* found infesting rhinoceros, 5, 387, *rep.*
On the Malayan tapir *Rhinochoerus sumatranus* (Gray) 6, 131-69
On the sternum and viscera of Pell's owl, *Scotopelia peli*, Temm. 6, 170-5
On notes on *Lagenorhynchus albirostris*, 6, 445, *rep.*
on soft parts of *Hyaena brunnea*, 6, 446, *rep.*
on anatomy of *Pinnipedia* seals 6, 446, *rep.*
on *Rhytina borealis*, 6, 446, *rep.*
on horns, viscera and muscles of *Camelopardalis*, and systemic position of *Sivatherium giganteum*, 6, 446, *rep.*
on viscera and dermal structures in kagu, sun-bittern and boatbill, 6, 447, *rep.*
on living vegetable organisms in thorax of living birds, 7, 174, *rep.*
on the genus *Colius*, 7, 174, *rep.*
on powder downs of *Rhinocetus jubatus* (bird) 7, 174, *rep.*
on the Bornean ape, 7, 335, *rep.*
- on anatomy of the Indian Wild Dog (*Cuon primacevus*) 7, 335, *rep.*
on the osseus and nervous systems of the Caating whale (*Globiocephalus melas*) 7, 336, *rep.*
on anatomy of the manatee, 7, 336, *rep.*
on affinities of motmots, 7, 337, *rep.*
on osteology of *Todus*, 7, 337, *rep.*
on cranial appendages and wattles of *Cerionis satyra* (horned tragopan) 7, 337, *rep.*
On Macaque monkeys, 8, 175, *rep.*
On *Upupidae* and their relationships, 8, 177, *rep.*
On vomitus of hornbill and skeleton of *Fregilupus varius*, 9, 405, *rep.*
On anatomy of *Tolypeutes comurus*, 9, 405, *rep.*
On anatomy of *Otaria jubata*, 9, 405, *rep.*
— & Mivart, St. G., on anatomy of *Lemuroidea*, 4, 162, *rep.*
see also Flower, W. H.
- Murnaghan, G. F.**, The muscular structure of the ureter with reference to dynamic function, 98, 493, *P.A.S.A.N.Z.*
The appendages of the testis and epididymis, 99, 956, *P.A.S.A.N.Z.*
see also Williams, H. B. L.
- Murow, A.**, on phlogistic properties of urea, 9, 241, *rep.*
- Murphy, M. & Hughes, T.**, A comparative study of the carotid sinus complex, 99, 919, *P.*
- Murphy, T. R.**, The orientation of the temporo-mandibular joint, 98, 475, *P.*
- Murray**, on pathology of the thyroid gland, 33, 683 (*ref. only*)
Harelip and cleft palate, 39, 504, *rep.*
Diaphragmatic hernia in 4-month-old girl, 40, 299, *rep.*
- Murray, C. B.**, The mechanism of attachment of the blastocyst in the cat, 85, 431, *P.*
see also Amoroso, E. C.
- Murray, E. G.**, Note on a supernumerary vertebra, 47, 363-4, *anat. not.*
- Murray, J. G. & Evans, D. H. L.**, Regeneration in the vagus nerve, 86, 478, *P.*
see also Abercrombie, M. & Evans, D. H. L.
Evans, D. H. L.
- Murray, P. D. F.**, *Bones: a study of the development and structure of the vertebrate skeleton*, 1936. 71, 552, *rev.*
The development of the conjunctival papillae and of the scleral bones in the embryo chick, 77, 225-40
— & Baker, J. R., An hermaphrodite dogfish (*Scyliorhinus canicula*) 58, 335-9
— & Hall, B. K., Adventitious cartilages in the embryonic and post-hatching chick, and effect of paralysis on its development, 100, 937, *P.A.S.A.N.Z.*
— & Huxley, J. S., Self-differentiation of the grafted limb-bud of the chick, 59, 379-84
— & Kodicek, E., Bones, muscles and vitamin C. I. The effect of a partial deficiency of vitamin C on the repair of bone and muscle in guinea-pigs, 83, 158-74; II. Partial deficiencies of vitamin C and mid-diaphyseal thickenings of the tibia and fibula in guinea-pigs, 83, 205-23; III. Repair of the effects of total deprivation of vitamin C at the proximal ends of the tibia and fibula in guinea-pigs, 83, 285-95
— & Selby, D. S., Chorioallantoic grafts of single somites and of the unsegmented paraxial region of the two-day chick embryo, 67, 563-72
- Murray, Wm.**, The physical and physiological action of medicines, 1, 319-22
The relation of digestion and dyspepsia to osmosis, 2, 272-8
An account of the postmortem examination of a case of aneurism of the abdominal aorta cured by pressure, 5, 314-18

- Murrell, W., *see* Ringer, S.
- Murri, on formation of urea in kidney, 9, 241, *rep.*
- Murri, A., on the formation and regulation of animal heat, 8, 428, *rep.*
- on the theory of fever, 9, 444-7, *rep.*
- Musculus, on a test-paper for urea, 9, 241, *rep.*
- on the ferment of urea, 11, 566, *rep.*
- Musgrove, Charles, I., A radiograph of an injected full-term foetus, 33, 672-3
- Musgrove, J., Persistence of the notochord in the human subject, 25, 386-9
- Bifurcation of the femoral artery with subsequent reunion, 26, 239-43
- The blood-vessels of the retina, with a method of preparation for lantern demonstration, 26, 245-53
- Additional note on bifurcation of the femoral artery, 26, 555-6
- The costo-sternal articulations, 27, 1-4; 27, ix, *P.*
- Origin of the ophthalmic artery from the middle meningeal, 27, 279-81
- On demonstration of blood-vessels and lymphatics of retina, 27, viii-ix, *P.*
- Specimens of Negro skin, 34, xxxiii, *P.* July 1899
- Mutch, J., Ossification of the neural arch, 88, 582-3, *P.*
- Muybridge, E., *The human figure in motion*, c. 1955. 91, 144, *rev.*
- Muzio, G., Teratoma of the hard palate, 32, 786, *rep.*
- Myers, W., On the causes of the shape on non-nucleated red blood corpuscles, 34, 351-8
- Myers-Ward, C. F., Preliminary note on the structure and function of the epididymis and vas deferens in the higher mammalia, 32, 135-40
- Myevre, *see* Pouchet, G.
- Myles, W. S., *see* MacDougall, J. D. B. & Coupland, R. E.
- Myszynski, E. Menschik-, *see* Menschik-Myszynski, E.
- Mytilineou, Catherine, Issidorides, Marietta & Shanklin, W. M., Histochemical reactions of human autonomic ganglia, 97, 533-42
- Nabano, *see* Durward, A.
- Nabarro, David, A case of congenital malformation of the heart, with abnormalities of abdominal viscera, 36, xxvi.
- Two hearts showing peculiarities of the great veins, 37, 382-91
- see also* Lawrence, T. W. P.
- Nadgir, Y. G., The supracondylar tubercles of the femur, 51, 275
- Naegeli, O., On cyclopia, 32, 787, *rep.*
- Nagel, J. D., Princess Paulina, 31, 456, *rep.*
- Nagel, W., Hermaphroditism, true, 34, 420, *rep.*
- Nagy, D., *Chirurgische Anatomie: Thorax*, 1962. 97, 465, *rev.*
- Nagy, I., *see* Scothorne, R. J.
- Naik, N. T. & Cauna, N., Histochemical observations on cholinesterase activity in the autonomic ganglia of man and mammals, 95, 290, *P.*
- see also* Cauna, N.,
- Nair, S. N., *Human embryology for medical students*, 1950. 85, 300, *rev.*
- Naish, Lucy, A much-neglected organ [nose], 59, 91, *S.P.*
- Specimens showing abnormal development of the hallux, 60, 480, *P.*
- Naismyth, J. G., The antagonism of opium and belladonna, illustrated by a case of attempted suicide, 14, 449-51
- Nakai, J., editor, *Morphology of neuroglia*, 1962. 98, 138, *rev.*
- Nake & Benda, on an example of acardius acephalus, 43, 120, *rep.*
- Nandy, K. & Bourne, G. H., A histochemical study of the localization of the oxidative enzymes in the neurones of the spinal cord in rats 98, 647-53
- Nansen, F., *see* Guldberg, G.
- Napier, J. R., Opposition of the human thumb, 85, 432, *P.*
- The attachments and function of the abductor pollicis brevis, 86, 335-41
- The form and function of the carpo-metacarpal joint of the thumb, 89, 362-9
- Prehensile movements of the human hand, 89, 564, *P.*
- Aspects of the ecology of African primates, 95, 602, *P.*
- Genesis of bipedalism in hominids, 98, 297, *P.*
- & Barnicot, N. A. editors, *The Primates*. Symposia of the Zoological Society of London. No. 10, 1963. 99, 184-5, *rev.*
- & Davis, P. R., The reconstruction of the upper limb bones of *Proconsul africanus*, 91, 593, *P.*; Observations on the branchial index of *Proconsul africanus*, 91, 594, *P.*
- see also* Barnett, C. H.
- Bowden, Ruth E. M. & Whillis, J. Day, M. H.
- Nassar, Alia, An electron microscopical study of structural changes in denervated soleus and plantaris muscles in the rat, 100, 927, *P.*
- Nasse, On stimulation of nerves by varying strengths of constant current, 5, 398, *rep.*
- On factors influencing formation of lymph, 7, 354, *rep.*
- On studies on albumin, 8, 204, *rep.*
- Nasse, O., on physiology of tactile tissue, 4, 321, *rep.*
- on production of experimental convulsions, 5, 208-9, *rep.*
- On albuminous bodies, 8, 410, *rep.*
- On the ferments, 9, 236-7, *rep.*
- On diffusion between blood corpuscles and serum, 10, 640, *rep.*
- On amorphous ferments, 10, 654, *rep.*
- Nat, B. S., The scalenus medius, 58, 268-70
- & Mookerji, P. D., Abnormal duodenum, 64, 250-3
- Natanson, Cases of microphthalmus and anophthalmus, associated with cysts, 44, 99, *rep.*
- Nathan, *see* Voisin
- Nathusius, W. von., on structure of horns, 3, 455, *rep.*
- on capsule of egg of ringed snake, 5, 387, *rep.*
- Nau, Heart malformation, 39, 505, *rep.*
- Case of diaphragmatic hernia, with other abnormalities, 38, 368, *rep.*
- Diaphragmatic hernia, 39, 506, *rep.*
- Naumow & Beljaew, S., on body temperature and on rapidity of blood during respiration of oxygen and atmospheric air, 9, 221, *rep.*
- Naunyn, on fever, 5, 218, *rep.*
- On urea excretion in fever, 5, 226, *rep.*
- On cause of fever, 5, 408, *rep.*
- On *in vivo* experiments of blood coagulation, 6, 458, *rep.*
- Naunyn, B., *see* Dobczanski, S.
- Nauta, W. J. H., Fibre degeneration following lesions of the amygdaloid complex in the monkey, 95, 515-31
- & Straaten, J. J. van, The primary optic centres of the rat. An experimental study by the 'Bouton' method, 81, 127-34
- Navaratnam, V., Observations on the right pulmonary arch artery and its nerve supply in human embryos, 97, 569-73

Author Index

- Navaratnam, V., The ontogenesis of cholinesterase activity within the heart and cardiac ganglia in man, rat, rabbit and guinea-pig, 99, 459-67
- , Lewis, P. R., & Shute, C. C. D., Effects of vagotomy on the cholinesterase content of the preganglionic innervation of the heart, 98, 287, P.
- Navratil, on function of laryngeal nerves, 6, 474, rep.
- Nawalichin, On influence of closure of the carotid upon circulation, 5, 213, rep.
- On the vasomotor system, 9, 217, rep.
- Nawrocki, On the source of muscle power, 1, 159, rep.
- blood chemistry, with reference to haemoglobin, 2, 177, rep.
- Nawrocki, F., On innervation of salivary glands, 3, 463, rep.
- On experimental location of sensory tracts of spinal cord, 7, 177, rep.
- Nayak, U., A case of abnormal atlas and axis vertebra, 65, 399-400, anat. not.
- The articulations of the carpus in *Chiromys madagascariensis*, 68, 109-15
- Note on an unusual type of cervical rib in a lemur, 68, 119-21; 68, 139, P. (t.o.)
- The wrist-joint and carpus in *Chiromys madagascariensis*, 68, 139, P. (t.o.)
- & Ayyar, A. A., Anomalies in the development of salivary glands, 61, 261-2
- Naylor, Winifred G., see Merrillees, N. C. R.
- Naylor, E., see McKenzie, J.
- Neal, E. G., see Harrison, R. J. & Turner, C. J.
- Nedsvetzi, On minute particles in normal blood, 7, 347, rep.
- On microscopic examination of the blood (human) 8, 198, rep.
- Needham, A. E., *Regeneration and wound-healing*, 1952, 87, 214, rev.
- Negus, V. E. (later Sir Victor), The protection of the air-way during deglutition, 59, 69-70, S.P.
- The position of the anterior nares in various types of vertebrate animals, 59, 112, S.P.
- Position of the anterior nares, 59, 394-400
- Epiglottis, demonstration, 61, 519, P.
- The function of the epiglottis, 62, 1-8; 61, 504, P.
- Function of the cartilages of Santorini, 63, 430-3; 64, 111, P.
- The mechanism of the larynx*, 1929, 65, 154, rev.
- Action of the posterior crico-arytenoid muscle of the larynx, 84, 68, P.
- Studies on the anatomy of the nose, 88, 558, P.
- The Organ of Jacobson, 90, 515-19; 90, 571, P.
- The function of mucus, 98, 290, P.
- Biology of respiration*, 1965, 100, 204-5, rev.
- & Crichlow, T. V. L., Nasal aperture in animals and Man, 92, 648, P.
- Neilson, H. J., On the observation of the pupil as a guide in the administration of chloroform, 22, 154-71
- Neisser, A. & Heidenhain, R., on experiments on the process of the secretion of urine, 9, 241, rep.
- Nelson, H. P., The tracheo-bronchial lymphatic glands, 66, 228-41
- Némorin, see Soybeyran
- Nencki, on output of urea in relation to fixed diet and muscular work and lack of sleep, 9, 246, rep.
- see also Macfadyen, A. & Sieber, N. Schultzen
- Nepven, G., on Pacchionian bodies in anthropoidea, 4, 304, rep.
- Nesterowsky, M., on nerves of the liver, 10, 446, rep.
- Nettleship & Ogilvie, on a family in which twenty persons in four generations had congenital cataract, 42, 137, rep.
- Neubauer, on the production of 'myeline-forms', 1, 359, rep.; 2, 180, rep.
- Neugebauer, Supernumerary clitoris, 34, 421, rep.
- Neumann, On action of electricity on corpuscles in frog, 2, 193, rep.
- On erythropoiesis in marrow, 3, 460, rep.
- Relation between the nervous system and the production of certain abnormalities, 39, 497-8, rep.
- Neumann, E., On the marrow of bone as an organ for the formation of blood 9, 244, rep.
- Neumann, F., On insensible excretion in fever, 8, 428, rep.
- Neumann, J., on lymph vessels of the skin, 9, 206, rep.
- Neumayer on innervation of the larynx, 33, 684 (ref. only)
- Nevin, N. C., Revascularization and fate of bone transplants, 91, 591-2, P.
- Newcombe, J. F., see Abercrombie, M. & James, D. W. James, D. W.
- Newell, G. E., A case of abnormality in the venous system of the neck of the rabbit (*Lepus cuniculus* L.) 69, 396, anat. not.
- Newman, David, Some physical experiments relating to the functions of the kidney, 12, 608-31
- New theory of contraction of striated muscle, and demonstration of the composition of the broad dark bands, 13, 549-76
- On the effect of certain anaesthetics on pulmonary circulation, 14, 495-510
- On the comparative value of chloroform and ethidene dichloride as anaesthetic agents, 15, 110-17
- Description of a polygraph, 15, 235-7
- Newman, H. H., *The physiology of twinning*, 1922, 58, 88, rev.
- Newton, Alfred, Remarks on Prof. Huxley's classification of birds, 2, 390-1, abs.
- Newton, E. T., on the eye of the lobster, 8, 178, rep.
- Nicati, H., on the nerve fibres in the optic nerve and in the retina, 10, 452-3, rep.
- Nicholas, Evelyn, see Hancox, N. M.
- Nichols, see Lovett
- Nicholson, C., The two main diameters at the brim of the female pelvis, 79, 131-5
- Nicholson, G. W., Examples of heterotopic tissues, 63, 160, P.
- Metanephros in a teratoma, 66, 138, P. (t.o.)
- A microcystic teratoma attached to the roof of the fourth ventricle, 69, 133-4, P.
- A disorganized human embryo, 72, 148, P. (disc. only)
- Nicholson, H. Alleyne, *A monograph of British Graptolitidae*, 1872, 6, 432, rev.
- Nichterlein, O. E., A simple method of vascular injection and its application in preparing brain sections, 79, 92-3
- Nichterlein, O. E. & Goldby, F., An experimental study of optic connexions in the sheep, 78, 59-67
- Niclot & Heuyer, Pelvic ectopia of both kidneys, 40, 300, rep.
- Nicol, A. R., see Charlton, C. A. C., Highton, D. I. R., James, D. W. & Stewart, J. O.
- Nicol, Thomas, The uterus of *Cavia* after intravital staining with trypan blue, 66, 181-8; 66, 136, P.
- Notes on irregularities of ovogenesis and abnormal development of the embryo in *Cavia*, 68, 75-84; 67, 211, P. (dem.)
- Variations in the oestrous cycle in the virgin guinea-pig, after parturition and during pregnancy, 68, 144, P.
- Post-partum repair of the uterus of the guinea-pig and the associated appearances in the ovaries, 68, 144-5, P.

Author Index

- Nicol, Thomas, Intravital staining and the effects of hormones on the female reproductive system, 72, 474, *P. (dem.)*
- On fat distribution in the guinea-pig female reproductive tract, 72, 618-19, *P.*; 72, 626, *P. (dem.)*
- Preparations showing the distribution of fatty substances and glycogen in the uterus of the ferret during the oestrous cycle, 73, 362-3, *P.*
- Further observations on normal fat distribution in the reproductive tract of the female guinea-pig during the oestrous cycle and its possible use as a control in ovarian hormonal experimental work, 77, 117, *P.*
- Fat distribution in the uterine horns of the ferret during the follicular phase of the oestrous cycle and during pseudo-pregnancy, 77, 117-18, *P.*
- & Bryce, T. H., Intravital staining of the reproductive organs in *Cavia* and the results of hormone experiments, 70, 200-1, *P.*
- & Cordingley, J. L., Elimination via the bronchial tree of carbon stored by rat liver macrophages suggesting Kupffer cell migration, 100, 922, *P.*
- , Quantock, D. C. & Vernon-Roberts, B., The effects of various steroids on local and general reticulo-endothelial activity, 100, 922, *P.*
- & Snell, R. S., Hormone control of lipid in the reproductive tract of the female guinea-pig, 88, 562, *P.*
- , Vernon-Roberts, B. & Quantock, D. C., The effects of oestrogen: anti-oestrogen interaction on the reticulo-endothelial system and reproductive tract in ovariectomized mice, 100, 921, *P.*
- see also Bryce, T. H.
- Nicola, Naguib Effendi, Abnormal position of the iliac and pelvic colons, 56, 53-4
- Nicolas, M. A., on inheritance of muscular anomalies, 26, 441, *rep.*
- Nieherding, on congenital contraction hourglass of vagina, 27, 422, *rep.*
- Niemetschek, on *Macula Lutea* of the retina, 1, 149, *rep.*
- Nieuwkoop, P. O. & Faber, J. editors, *Normal table of Xenopus laevis*, c. 1955. 91, 297, *rev.*
- Niggeler, R., on pigments of urine from indigo group, 9, 439, *rep.*
- Nightingale, A., see Joseph, J.
- Joseph J. & Williams, P. L.
- Nijhoff, A case of quintuplets, 39, 501, *rep.*
- Nishimura, H., *Chemistry and prevention of congenital anomalies*, 1964. 99, 402, *rev.*
- Nitsche, on *Bryozoa*, 6, 449, *rep.*
- Nitzsch, C. L., *Pterylography*, trans. by Dallas, 1867. 2, 391, *rev.*
- Observations de avium arteria carotide communi*, 1867 (published in Nitzsch's *Pterylography*) 2, 391, *rev.*
- Nitsche, see Lehmann-Nitsche
- Niven, P. A. R., see Jeffreys, R. V. et al.
- Nobiling, A., On therapeutic value of tartar emetic, 3, 220, *rep.*
- Noble, H. W. & Carmichael, A. F., Electron microscope study of demineralized dentine, 95, 617, *P.*
- Noël-Paton, D., On the relationship of urea formation to bile secretion, 20, 114-24, 267-306, 520-31, 662-73
- Nolet, on cause of vascular murmurs, 6, 233, *rep.*
- Nonidez, J. F., Observations on the blood supply and the innervation of the aortic paraganglion of the cat, 70, 215-24
- & Windle, W. F., *Textbook of histology*, 1949. 84, 58-9, *rev.*
- Nordensson, E., on an abnormal origin and course of the superior laryngeal nerve, 4, 333-4, *n.*
- Nordmann, M., *Kreislaufstörungen und pathologische Histologie*, 1933. 67, 625, *rev.*
- Norman, see Fraser, A.
- Noronha, R. F. X., see Allbrook, D. B. & Church, J. C.
- Norrenbrock, W., see Schürmann, P. & Pflüger, H.
- Norris, see Stricker
- Norris, R., On the nature of rigor mortis, 1, 114-19
- Researches on muscular irritability and the relations which exist between muscle, nerve and blood, 1, 219-36
- On diapedesis of blood cells, 6, 438, *rep.*
- Norrish, R. E. & Woollard, H. H., Relative frequency of the vaso-motor nerves in the different parts of the extremities, 68, 126, *P. (t.o.)*
- Northcote, on a case of congenital occlusion of both external auditory meatuses, 42, 137, *rep.*
- Norton, A. T., on accommodation and ciliary body, 8, 173, *rep.*
- Nothnagel, on vasomotor nerves of cerebral vessels, 2, 412, *rep.*
- On cause of epileptic convulsions, 2, 412, *rep.*
- On experimental production of clonic contractions, 5, 209, *rep.*
- On disturbance of voluntary movements after typhus, 6, 218-19, *rep.*
- On the effects of a local injection of chromic acid into the brain, 7, 177; 8, 179, *rep.*
- On the function of the cerebrum and thalamus, 8, 395-6, *rep.*
- On extirpation of lentiform nucleus, 8, 396, *rep.*
- On pulmonary haemorrhage following brain injury, 8, 397-8, *rep.*
- On function of the thalamus, 9, 210, *rep.*
- On effects of chemical destruction of the lenticular nucleus, 9, 210-12, *rep.*
- On functions of the cerebellum, 11, 187, *rep.*
- On reflex inhibition in diseases of the spinal cord, 11, 543, *rep.*
- Nowak, see Seegen
- Nuël, on influence of stimulation of vagus on contraction of heart, 9, 222, *rep.*
- see also Gottstein
- Warlomont
- Nuel, J. P., Malformations of the lens, 2 cases, 34, 418, *rep.*
- Nuhn, A., on stomach forms in vertebrata, 5, 384, *rep.*
- Lehrbuch der Vergleichenden Anatomie*, 1875. 10, 437, *rev.*
- Nunneley, on effects of diuretics on a healthy individual, 5, 394, *rep.*
- Nunneley, Frederick B., on certain alkaloids and potassium bromide, their action on heart and blood vessels, 4, 315, *rep.*
- Nussbaum, on respiration, 8, 203, *rep.*
- Nutter, J. Appleton, Congenital anomalies of the fifth lumbar vertebra and their consequences, 48, 24-36
- Nyberg-Hansen, R. & Brodal, A., Sites and mode of termination of rubrospinal fibres in the cat, 98, 235-53
- Oag, James & Drinkwater, S. W., An ischiopagus, 62, 507-11
- Oakden, W. M., A description of the histology of the eyes in two anencephalic foetuses, 44, 370-6
- Oakley, K. P., *Man the toolmaker*, 1949. 84, 324, *rev.*
- Obermeier, O., on congenital fissure of the sternum, 4, 161, *rep.*
- on varicose structure of nerve fibres of the brain, 8, 173, *rep.*
- Obermüller, on albumin in urine, 9, 439, *rep.*
- Obersteiner, On the cause of sleep, 7, 176, *rep.*
- on capability of reaction of brains of the insane, 9, 213, *rep.*

Author Index

- Obersteiner, H.**, *The anatomy of the central nervous organs in health and disease*, 1890, 24, 611, *rev.*
- Obolensky**, on mucin of submaxillary glands, 6, 471, *rep.*
- Obolensky, I.**, on atrophy of testis following section of spermatic nerve in rabbits and dogs, 2, 192, *rep.*
- O'Brien, B. R. A.**, Observations on the plasmolytic properties of some non-ionogenic surface-active agents, 98, 483, *P.A.S.A.N.Z.*
- The nuclear haemoglobin of the avian erythrocyte, 97, 484-5, *P.A.S.A.N.Z.*
- The isolation of avian erythrocyte nuclei by a method involving partial electrocytolysis, 97, 488, *P.A.S.A.N.Z.*
- The potential value of surface active agents in the analysis of the properties and structure of cell membranes, 99, 951-2, *P.A.S.A.N.Z.*
- Some preliminary observations on the effect of a non-ionic surface active agent on the cytomembranes of the nucleated amphibian erythrocytes, the amphibian liver cell and the Ehrlich ascites tumour cell, 99, 952, *P.A.S.A.N.Z.*
- O'Brien, H. D.**, Pericardio-peritoneal communication. Description of a rare type of diaphragmatic hernia, 74, 131-4, *anat. not.*
see also Martin, C. P.
- Ochiltree, Annie B.**, Some muscular anomalies in the lower limb, 47, 31-4
- O'Connell, J. E. A.**, The intraneural plexus and its significance, 70, 468-97
- O'Connell, W. & Woollard, H. H.**, Intraneural plexuses, 70, 195, *P. (t.o.)*
- O'Connor, Cecilia**, *see* Ciba Foundation
- O'Connor, M.**, *see de* Renck, A. V. S.
- O'Connor, R. J.**, Transplantation of pronephros in larval amphibia, demonstration, 72, 178-9, *P.*
- Experiments on the development of the amphibian nephric system, 72, 473, *P.*
- Vital staining experiments on the development of the amphibian pronephric duct, 72, 615-16, *P.*
- Experiments on the development of the pronephric duct, 73, 145-54
- The effects of obstructing the growth of the pronephric duct in *Amblyostoma tigrinum*, 73, 669, *P. (disc. only)*
- Some points in the technique of experimental embryology, 73, 673, *P. (dem.)*
- Experiments on the development of the amphibian mesonephros, 74, 34-44
- An experimental study of the development of the amphibian cloaca, 74, 301-8
- The role of the pronephros in the development of the nephric system, 74, 556, *P. (disc. only)*
- The evolutionary significance of the embryology of the amphibian nephric system, 75, 95-100
- Regional differences in the oxygen consumption of the chicken embryo, 84, 401, *P.*
- The metabolism of cell division and differentiation, 84, 407, *P.*
- Mitotic inhibition in embryonic tissue, 84, 408, *P.*
- The metabolism of cell division in the blood cells of the chicken embryo, 85, 410, *P.*
- Haemoglobin formation in the chicken embryo, 85, 422, *P.*
- Growth and differentiation in the red blood cells of the chicken embryo, 86, 320-25
- Development and carbohydrate metabolism in the liver of the chick embryo, 86, 482, *P.*
- Glycogen in cellular differentiation, 87, 445-6, *P.*
- Repair in the colonic mucosa of the mouse, 88, 556-7, *P.*
- The results of resecting the anal mucosa in mice, 90, 579, *P.*
- O'Day, K.**, A preliminary note on the presence of double cones and oil droplets in the retina of marsupials, 70, 465-7
- Oddono**, on appendices epiploicae in the foetus and infant, 33, 683 (*ref. only*)
- O'Dea**, on dreams, 7, 339, *rep.*
- O'Dell, D. S. & McKenzie, J.**, Aminopterin and the explanted chick embryo, 95, 452-3, *P.*
- Odenius, M. V.**, on the epithelium of the human macula acoustica, 2, 170, *rep.*
- on intracranial spread of infection from the middle ear, 2, 194, *abs.*
- Utricle and sacculle of inner ear, 3, 249, *n.*
- Odgers, P. N. B.**, A case of bilateral superior venae cavae in the adult, 62, 221-3; 61, 487, *P.*
- Some observations on the development of the ventral pancreas in man, 65, 1-7; 65, 165, *P.*
- Demonstration of abnormal markings for venous sinuses of occipital bone, 65, 172-3, *P.*
- Two details about the neck of the femur: (1) the eminentia. (2) the empreinte, 65, 352-62
- Circum-aortic venous rings, 66, 98-9; 66, 138-9, *P.*
- The lumbar and lumbo-sacral diarthrodial joints, 67, 301-17
- Non-rotation of the gut in a woman of 87, 68, 142-3, *P.*
- The formation of the venous valves, the foramen secundum and the septum secundum in the human heart, 69, 412-22; 70, 192, *P. (dem. & disc.)*
- An early human ovum (Thomson) *in situ*, 71, 161-8; 71, 150, *P. (t.o.)*
- The development of the pars membranacea septi in the human heart, 72, 247-59; 72, 154, *P.*
- The development of the atrio-ventricular valves in man, 73, 643-57; 73, 672, *P. (t.o.)*
- A presomite human embryo with a neurenteric canal (embryo R. S.) 75, 381-8
- A presomite human embryo, demonstration, 76, 229, *P.*
- Odio, L.**, on spinal cord of sirenornelia foetus, 28, 370-1, *rep.*
- O'Donoghue, C. H.**, A note on the ductus caroticus and ductus arteriosus and their distribution in reptilia, 51, 137-49
- The heart of the leathery turtle, *Dermochelys (sphargis) coriacea*. With a note on the septum ventriculorum in the reptilia, 52, 467-80
- Further abnormalities in the blood vascular system of frogs, 70, 159-76
- & Bolton, L. L., Observations on the anatomy of *Hexanchus corinus* and Note on the structure of the lymphoid organ (organ of Leydig) and spleen of *Hexanchus corinus*, 61, 40-63
- Oedmansson**, on a case of cortical encephalitis and acute hydrocephalus, 3, 242-3, *n.*
- on a case of cerebral abscess with acute hydrocephalus, 3, 242-3, *n.*
- Oeffinger, Hermann**, on arteries of the fore-arm, 2, 168, *rep.*
- On epithelial and gland cells in vertebrates, 2, 174, *rep.*
- Oehl**, effect of stimulation of lower end of vagus upon spleen, 4, 185, *rep.*
- on effect of stimulation of central end of vagus upon bladder, 4, 185, *rep.*
- Oellacher, Jos.**, on early development of heart and pericardium in *Bufo cinereus*, 5, 386, *rep.*
- on development of ova in river trout, 7, 174, *rep.*
- Oeynhausien, Van A** case of thoracopagus tetrabrachius, 44, 97, *rep.*
- Offer, R.**, Early anatomical and medical books in the Leeds University Library, 73, 669, *P. (dem.)*

- Ogden, D. A., *see* Gray, J. E.
 Ogilvie, *see* Nettleship
 Ogilvie, Leslie & Cathcart, Charles, W., Dissection of a lamb with fissure of the sternum and transposition of the origin of the right subclavian artery, 8, 321-6
 Ogle, J. W., On inheritance of structural abnormalities, with special reference to digits, 7, 332, *rep.*
 Note on an interesting case of malformation [absence of legs], 8, 358
 Note on a nerve piercing the walls of an artery, 29, 20
 Ogle, W., On immunity of rabbits to atropia [atropine] 2, 186-7, *rep.*
 on physiology and pathology of cervical portion of sympathetic nerve, one case, 4, 323, *rep.*
 Ognew, on a case of hermaphroditism in *Rana temporaria*, 42, 136, *rep.*
 Ogston, Alex., On articular cartilage, 10, 49-74
 On the growth and maintenance of the articular ends of adult bones, 12, 503-17
 Micrococcus poisoning, 16, 526-67; 17, 24-58
 Ogston, F., Ectopia vesicae and other imperfections of development in a new-born infant, 17, 86-8
 Oliver, J., Menstruation, its nerve origin, not a shedding of mucous membrane, 21, 378-84
 A tumour weighing over three pounds, occurring in an eighth-month foetus, 21, 571-4
see also Griffith, T. Wardrop
 Oliver, T., Post-mortem in a case of extreme obesity, 14, 345-7
 Notes on two cases of cerebellar disease, 15, 252-60
 Notes on 3 cases of cerebellar disease, 17, 484-90
 Olivier, A., acute poisoning by mercury perchloride, one case, 8, 219, *rep.*
 Olivier, G., *Pratique anthropologique*, 1960. 94, 570, *rev.*
Schémas de travaux pratiques ostéologie et arthrologie, 1959. 94, 570, *rev.*
Formation du squelette des membres chez l'homme, 1962. 97, 297, *rev.*
 — & Olivier, C., *Mécanique articulaire*, 1963. 98, 461, *rev.*
 Ollier, On growth of bone, 7, 357, *rep.*
 Oloriz, F., *Distribucion Geografica del indice Cefalico en España*, 1894. 29, 472, *rev.*
 Olshausen, 28 multiple births to one woman, 39, 501, *rep.*
 Olson, E. O. & Miller, R. L., *Morphological integration*, 1958. 93, 138-9, *rev.*
 Olson, I. A. & Yoffey, J. M., Oligosynthetic and polysynthetic lymph nodes. A new classification, 100, 422, P.
see also Jeffreys, R. V. et al.
 Olszewski, J. & Baxter, D., *Cytoarchitecture of the human brain stem*, 1954. 89, 424, *rev.*
see also Meessen, H.
 O'Malley, C. D., *Andreas Vesalius of Brussels*, 1514-1564, 1964. 99, 402, *rev.*
 O'Malley, M. G., Demonstration of a specimen showing a persistent left superior vena cava, 50, 16-17, P. (June 1915)
 O'Morchoe, C. C. C., Thorburn, G. D., Carriere, S. & Barger, A. C., The vascular pattern of the renal medulla in relation to countercurrent exchange, 99, 198-9, P.
 Onimus, on the genesis of leucocytes and on spontaneous generation, 1, 367, *abs.*
 on the production of reflex movements by constant and interrupted galvanic currents, 2, 192, *rep.*
 On the effect of electric currents on cardiac and unstriped muscle, 2, 407-8, *rep.*
 On action of intercostal muscles, 8, 203, *rep.*
 On induced currents, 8, 423, *rep.*
 — & Legros, On action of chloroform on heart, 2, 418-19, *rep.*
 — & Viry, On tracings obtained with the sphygmograph and cardiograph, 1, 156, *rep.*
see also Legros
 Onodi, On the laryngeal nerves, 33, 684 (*ref. only*)
 A case of anencephalus, 35, 502, *rep.*
 Onodi, A., *The anatomy of the nasal cavity and its accessory sinuses, an atlas for practitioners and students*, translated by St. Clair Thompson, 1895. 29, 471, *rev.*
 Opel, A case of pygmelus, 40, 297, *rep.*
 Openshaw, A case of congenital dislocation of the hip-joint, 38, 372, *rep.*
 A case of congenital absence of the lower four-fifths of the left tibia, 44, 106, *rep.*
 Opitz, A case of acardia, 34, 415, *rep.*
 Oppenheim, on excretion of urea, 16, 147-8, *rep.*
 Oppenheim, S. Remane, A. & Gieseler, W., *Methoden zur Untersuchung der Morphologie der Primaten*, Abt. VII, Heft 3 of *Abderhalden's Handbuch der biologischen Arbeitsmethoden*, 1927. 62, 519, *rev.*
 Oppenheimer, D. R., Palmer, Elisabeth & Weddell, G., Nerve endings in the conjunctiva, 92, 321-52; 90, 579, P.
see also Glees, P. & Bailey, R. A.
 O'Rahilly, R., Radial hemimelia and the functional anatomy of the carpus, 80, 179-83; 80, 232, P.
 The radiological anatomy of the carpus of Colobus, 81, 387, P. (*dem.*)
 Radiographic reconstruction, 81, 404, P. (*dem.*)
 The early prenatal development of the human knee joint, 85, 166-70
 The development of the sclera and choroid in staged chick embryo, 94, 577-8, P.
see also Gardner, E. & Gray, D. J.
 Orban, B., *see* Gottlieb, B.
 Ore, On antagonism between chloral and strychnia, 7, 197-8, *rep.*
 On anaesthesia produced in man, by injection of chloral into veins, 9, 221, *rep.*
 Orkand, Paula M., The post-natal development of certain ultrastructural elements in cardiac muscle of cats, 98, 475, P.
 Orr, A. E., Hour-glass stomach, 41, 49-50; A rare anomaly of the carotid arteries (internal and external) 41, 51
 Orrin, H. C., *The x-ray atlas of the systemic arteries of the body*, 1920. 55, 78, *rev.*
 Orsini, Margaret W., Factors affecting loss of the zona pellucida in the hamster, 99, 922, P.
 Orth, On 2 cases of amorphia, 7, 332, *rep.*
 On 3 cases of acardia, 7, 332, *rep.*
 Osborn, H. F., The foetal membranes of the opossum and other marsupials, 18, 343-4, *anat. not.*
 Osborn, J., An investigation into the primary curvatures of the odontoblast process in human teeth, 100, 432-4, P.
 Osborne, R. H. & de George, D. V., *Genetic basis of morphological variation*, 1960. 94, 568-9, P.
 Oser & Schlesinger, on uterine contractions, 6, 488-9, *rep.*
 — *see also* Basch
 O'Shaughnessy, L., The provision of a cardiac accessory blood supply after coronary occlusion, 72, 626, P. (*dem.*)
see also Beattie, J. & Slome, D.
 Osman, Hill, W. C., *see* Hill, W. C. Osman
 Osler, on action of atropia and physostigma on leucocytes, 8, 232, *rep.*

Author Index

- Osler & Schäfer**, on bacteria-forming masses present in the blood, 8, 198, *rep.*
- Osler, William** (later **Sir William**), Case of obliteration of vena cava inferior, with great stenosis of orifices of hepatic veins, 13, 291-304
- Two cases of striated myosarcoma of the kidney, 14, 229-33
- Case of congenital and progressive hypertrophy of the right upper extremity, 14, 10-12
- Note on Giacomini's method of preserving the brain, 14, 144
- Case of medullary neuroma of the brain, 15, 217-25
- Case of obliteration of the portal vein (Pylephlebitis adhesiva) 16, 208-16
- Osmond, D. G.**, Radio-autographic studies of blood-borne cells and lymphocyte turnover in the bone marrow of anaemic guinea-pigs, 99, 208, *P.*
- & **Everett, N. B.**, The phagocytosis of small lymphocytes in guinea-pig bone marrow, 96, 420, *P.*
- Circulating red cell volume of normal guinea-pig bone marrow, 97, 618, *P.*
- & **Metcalfe, W. K.**, The identity of phytohaemagglutinin responsive cells: a radioautographic study in the rat, 99, 411-12, *P.*
- , **Roylance, P. J.**, **Lee, W. R.**, **Ramsell, T. G.** & **Yoffey, J. M.**, Haemopoietic recovery after sublethal gamma irradiation with partial limb shielding in the guinea-pig, 98, 294-5, *P.*
- — & **Yoffey, J. M.**, The effect of unilateral limb shielding on the response of the thymus, spleen and bone-marrow lymphocytes to gamma irradiation, 98, 464, *P.*
- see also **Jeffreys, R. V. et al.**
- Metcalfe, W. K.**, **Winter, G. C. B.** & **Yoffey, J. M.**
- Ostheimer**, see **Girvin**
- Ostroumoff, A.**, on vasomotor and vasodilator nerves of cutaneous vessels, 11, 187-90, *rep.*
- Otis, Walter, J.**, Some observations on the structure of the rectum, 32, 59-63; 31, xxxviii, *P. (t.o.)*; 32, iv, *P. (t.o.)*
- Ott, Isaac**, on the action of lycoctonia, 10, 657-8, *rep.*
- Ott, J.**, On action of lobelina on the circulation, 9, 420, *rep.*
- On the physiological action of geselmia, 10, 654, *rep.*
- Ottaway, C. T.**, A technique for the preservation of animals for the study of joint movement and for routine dissection, 207-8
- Oui**, see **Bertin**
- Oulmont**, on experimental observations of veratrum viride and veratrum album in man, dogs, rabbits and frogs, 2, 424, *rep.*
- & **Laurent**, on actions of hyosciamia and daturia, 5, 205, *rep.*
- Ovenden, Ella G. A.**, The lateral fixation of the cervix uteri, 41, 308-11
- Owen, Edmund**, On the anatomy of genu valgum, 13, 83-5
- A manual of anatomy for senior students*, 1890. 24, 613, *rev.*
- Owen, Richard**, *On the anatomy of vertebrates*, vols. I & II, 1866. 1, 120-41, *rev.*
- On the anatomy of vertebrates*, vol. III, *Mammals*, 1868. 3, 436-43, *rev.*
- On anatomy of *Dinornis*, 4, 162, *rep.*; 5, 384, *rep.*
- On *Diprotodon australis*, 5, 384, *rep.*
- On *Phascolumys* [*Phascolumys hirsutus*], 7, 172, *rep.*
- On anatomy of American king crab (*Limulus polyphemus*) 8, 178, *rep.*
- On osteology of *Dinornis australis*, 9, 406, *rep.*
- Owen, S. A.**, Note on the superior tibio-fibular joint, 35, 489-91
- see also **Dukes, Lawrence**
- Owen-Smith, B.**, see **Yoffey, J. M.**, **Ancill, R. J.**, & **Holt, J. A. G.**
- Yoffey, J. M.**, **Ancill, R. J.**, **Holt, J. A. G.** & **Herdan, G.**
- Owsjannikow**, On organ of hearing and central nervous system of *Cephalopoda*, 3, 204, *rep.*
- On central and peripheral nervous system of *Amphioxus lanceolatus*, 3, 204-5, *rep.*
- On a difference in the reflex functions of the medulla oblongata and the spinal cord in the rabbit, 11, 542, *rep.*
- & **Tschiriew**, on mechanism of secretion of saliva following nerve stimulation, 8, 183-4, *rep.*
- see also **Ludwig**
- Owsjannikow, P.**, on difference in reflex action of medulla and spinal cord, 10, 626, *rep.*
- Oxnard, C. E.**, see **Ashton, E. H.**
- Ashton, E. H.**, **Healy, M. J. R.**, **Oxnard, C. E.** & **Spence, T. F.**
- Paalzow, von**, on cutaneous respiration, 7, 188, *rep.*
- Paci, A.**, on branchial fistula, 27, 418, *rep.*
- Pacini, F.**, on transudations in the animal organism, 9, 416, *rep.*
- Packard, A. S.**, on the embryology of *Limulus polyphemus*, 6, 449, *rep.*
- on embryology of hexapodous insects, 7, 338, *rep.*
- on embryology of *Isotoma*, 7, 338, *rep.*
- on embryology of *Diplax perithemis*, 7, 338, *rep.*
- on development of *Limulus polyphemus*, 7, 338, *rep.*
- Packer, A. D.**, An experimental investigation of the visual system in the phalanger, *Trichosurus vulpecula*, 75, 309-29
- A comparison of endocranial cast and brain of an Australian aborigine, 83, 195-204
- Response to experimental intra-uterine trauma, 98, 490, *P.A.S.A.N.Z.*
- & **Keong, Wu Ching**, Homografting of foetal organs in the rat foetus, in utero, 100, 939, *P.A.S.A.N.Z.*
- Pacquefin & Jolly**, on origin of phosphate of lime excreted by urine, 11, 566, *rep.*
- Padykula, Helen A.**, A histochemical and quantitative study of enzymes of the rat's placenta, 92, 118-29
- Page, Herbert**, Post-mortem artificially contracted Indian heads, 31, 252-61
- Pagenstecher**, On development of the *Siphonophora*, 4, 161, *rep.*
- On development of *Siphonophora*, 4, 307, *rep.*
- Paget, R. J.**, A branchial arch anomaly, 97, 144, *P.*
- Pai, Hsi-Ching**, Dissections of nephrons from the human kidney, 69, 344-9
- Paine, R.**, Anatomy of the salivary glands as revealed by lipoidal injections in the living, 68, 126, *P. (disc. only)*
- Paisley, P. B.**, see **Miller, R. L.** & **Pritchard, J. J.**
- Blunt, M. J.**, **Paisley, P. B.**, **Wendell-Smith, C. P.** & **Baldwin, F.**
- Pal, R. K.**, Persistent thyroglossal duct in a rabbit, 68, 354-6
- Palade, G. E.**, The secretory process in the exocrine cells of the pancreas, 93, 577, *P.*
- Palay, S. L.**, see **Peters, A.**
- Palfrey, A. J.**, The fine structure of chondrocytes in articular cartilage, 99, 929-30, *P.*
- & **Davies, D. V.**, The fine structure of chondrocytes, 100, 213-26
- Some physical properties of synovial fluids, 100, 436, *P.*
- see also **Barnett, C. H.**
- Cochrane, W.**
- Cochrane, W.**, **Davies, D. V.** & **Stockwell, R. A.**
- Riches, D. J.** & **Palfrey, A. J.**

- Pallie, W., *see* Weddell, G.
 Weddell, G. & Palmer, Elizabeth
 Palmer, A., Placenta praevia in a rhesus monkey, 73, 626-9
 Palmer, Elizabeth, *see* Causey, G.
 Oppenheimer, D. R. & Weddell, G.
 Weddell, G. & Pallie, W.
 Weddell, G. & Schofield, G. C.
 Palmer, J., Malformation of pelvis and pelvic organs in a foetus, 20, 354-6, *anat. not.*
 Pan, N., Some observations on the gastro-intestinal tract of the Hindus, 53, 259-65
 Further observations on the gastro-intestinal tract of the Hindus, 54, 324-31
 Abnormal disposition of the intestinal tract, 55, 288-9
 Misplaced kidney, 58, 271-2
 Length of long bones and their proportion to body height in Hindus, 58, 374-8
 Transposition of abdominal viscera, 60, 202-6
 Measurements of the pelvis in Hindu females, 63, 263-6
 Anatomy of the region concerned in femoral hernia in Indians (in Bengal) 65, 541-7
 Fusion of cervical vertebrae, 66, 426-9, *anat. not.*
 Some variations in the musculature of the superior extremity, 69, 530-3, *anat. not.*
 Retroperitoneal hernia, 70, 179-83, *anat. not.*
 Remnants of the venous valves in the adult heart, 70, 435-8
 P'An, T. H., Measurement of the Chinese orbit, 67, 596-8
 Panceri, On cause of phosphorescence, 6, 246, *rep.*
see also De Luca
 Panditharatne, P. S. S., Branches arising from the intratemporal part of the facial nerve, 100, 443, *P.*
 Pangratz, on doubling of inferior and superior venae cavae, 29, 466, *rep.*
 Panofka, On the mechanism of voice, 1, 165, *rep.*
 Pansch, A., On cerebrum of primates and carnivora, 10, 445, *rep.*
 On position of the uterus, 10, 456, *rep.*
 Fissures and convolutions of cerebral hemispheres in man, 13, 266 (*t.o.*); comment by Turner, 13, 268
 Comparative anatomy of cerebral hemispheres in carnivores and primates, 13, 266 (*t.o.*); comment by Turner, 13, 273
 On fissures in cerebral hemispheres, 13, 266 (*t.o.*); comment by Turner, 13, 273-4
 Observations on fissures of cerebral hemispheres, 13, 266 (*t.o.*); comment by Turner, 13, 273-4
 Brain of Gorilla, 13, 266 (*t.o.*); comment by Turner, 13, 277 & 278
 — & Bolau, Anthropoid apes in Hamburger museum, 13, 266 (*t.o.*); comment by Turner, 13, 277
 Pansky, B. & House, E. L., *Review of gross anatomy*, 1964. 99, 675, *rev.*
 Pantan, J. Allison, Factors bearing upon the etiology of femoral hernia, 57, 106-46
 Panum, P. L., A contribution to the estimation of the nutritive value of foods, 1, 182, *abs.*
 On distance between centres of rotation of eyeballs, 10, 204, *rep.*
 On blood transfusion, 10, 646, *rep.*
 Papez, J. W., *Comparative neurology*, 1929. 64, 540, *rev.*
 Papillault, G., *La suture et ses rapports avec la morphologie crânienne*, 1896. 30, 584, *rev.*
 Papillaut, on numerical variations of the lumbar vertebrae in man, 33, 500 (*ref. only*)
 Papillon, on effect of diet on composition of bones, 5, 225, *rep.*
see also Rabuteau
 Paquelin, J. & Jolly, on chemical composition of blood corpuscles, 8, 404, *rep.*
 Paquy, Teratoma found in the abdomen, 35, 504, *rep.*
 Parat, M., demonstration of behaviour of vacuole in spermatogenesis, 61, 515, *P.*; 61, 497, *P. (t.o.)*
see also Hibbard, Hope
 Park, W. W., The occurrence of sex chromatin in early human and macaque embryos, 91, 369-73
 The giant cells of the human placental bed, 96, 416-17, *P.*
 Parker, On the development of the skull in the genus *Turdus* (thrush) 7, 337, *rep.*
 Parker, Andrew J., *Morphology of the cerebral convolutions, with special reference to the order of primates*, 1896. 31, 163, *rev.*
 Parker, Katharine, The development of the hypophysis cerebri, pre-oral gut, and related structures in the marsupialia, 51, 182-249
 Parker, R., An unusual case of double hare-lip, 35, 503, *rep.*
 Parker, S., translator, *The cytoarchitectonics of the human cerebral cortex* (Economo) 1929. 63, 389, *rev.*
 Parker, T. J., On the stomach of the fresh-water crayfish, 11, 54-60
 Parker, W. Kitchen, *A monograph on the structure and development of the shoulder-girdle and sternum in the vertebrata*, 1868. 2, 374-81, *rev.*
 on structure and development of skull of common fowl, 3, 458, *rep.*
 on structure and development of skull of common fowl, 5, 192, *rep.*
 on structure and development of skull in common frog, 5, 386, *rep.*
 on structure and development of skull of salmon, 7, 174, *rep.*
 on development of the skull of tit and sparrow-hawk, 7, 337, *rep.*
 Morphological elements of the skull, 8, 62-73
 on structure and development of skulls of *Sus scrofa*, 8, 176, *rep.*
 on structure and development of skull of salmon, 9, 406, *rep.*
 — & Bettany, G. T., *Morphology of the skull*, 1877. 12, 364-6, *rev.*
 Parkes, on the metabolism of striated muscles in two humans, 1, 362, *rep.*
 on excretion of nitrogen and muscular action, during rest and exercise, 2, 181-2, *rep.*
 on influence of brandy on temperature, pulse and respiration of healthy men, 9, 247, *rep.*
 — & Wollowicz, on effects of alcohol on man, 5, 201-2, *rep.*
 On effects of claret, 5, 391-2, *rep.*
 Parkes, A. R., A relation of the sciatic nerve, 71, 149, *P.*
 A relation of the sciatic nerve, 71, 419, *anat. not.*
 Parkes, A. S., *The internal secretions of the ovary*, 1929. 64, 538-9, *rev.*
 —, Brambell, F. W. R. & Fielding, Una, The effects of exposure to x-rays on the ovary of the mouse in relation to the oestrous cycle, 61, 492, *P.*
 demonstration of effect of x-rays on ovary of mouse, 61, 515, *P.*
 — & Zuckerman, S., The menstrual cycle of the primates. Part II. Some effects of oestrin on baboons and macaques, 65, 272-6
see also Hill, Margaret
 Zuckerman, S.
 Parkes, E. A., on dietetic treatment of disease, 9, 233, *rep.*
 Parkes, U. W. A., *A text-book on the artistic anatomy of the human form*, 1923. 64, 535, *rev.*

- Parks, A. G.**, see Boulter, P. S.
- Parnell, Josephine**, see Yoffey, J. M.
- Parry, E.**, The influence of rotation of the trunk on the anatomy of the inguinal canal, 99, 423, P.
- Parson**, see Collins
- Parsons, D. S.**, see Fisher, R. B.
- Parsons, F. G.**, Occipital bone with a process faceted to articulate with the odontoid process, 24, xix, P.
- Short muscles of the thumb, 25, iii-iv, P.
- On myology of rodents, 26, x-xiii, P.
- On the morphology of the musculus sternalis, 27, 505-7
- on abnormal rib of *Hystrix cristata*, 27, xii-iv, P.
- On the morphology of the tendo-achillis, 28, 414-18; 28, xx, P.
- On the movements of the metacarpo-phalangeal joint of the thumb, 29, 446-52
- on absence of the extensor primi internodi pollicis, 29, ii, P.
- on possible sternalis muscle in *Bathyergus maritimus*, 29, xi-xiii, P.; discussion, 29, xiii-xiv, P.
- Notes on the anatomy of an anencephalous foetus having three arms and three lower limbs, 30, 238-58; 30, ii, P.
- Anatomy of an anencephalous foetus, 30, 457, rep.
- Demonstration of divided inferior vena cava in man, 30, iv, P.
- The limb myology of *Gymnura rafflesii*, 32, 312-24
- The muscles of mammals, with special relation to human myology, 32, 428-50; 32, 721-52
- on the suggestion that the subscription to the Anatomical Society and Journal should be combined, 33, ii-iii, P.
- Eighth report of the Committee of Collective Investigation of the Anatomical Society of Great Britain and Ireland for the year 1897-8, 33, 189-203
- A liver, in which the upper surface showed a deep transverse and 3 antero-posterior fissures, 33, xvii, P.
- The joints of mammals compared with those of man, part I, the temporo-maxillary joint, 34, 41-68; part II, joints of the hind limb, 34, 302-23
- The external semilunar cartilage of the knee in the primates, 34, xxxii, May 1900
- Ninth report of the Committee of Collective Investigation, of the Anatomical Society of Great Britain and Ireland, for the year 1898-99, 34, 260-72
- On spleens, 35, xi, P.
- On the notches and fissures of the spleen and their meaning, 35, 416-27
- On the arrangement of the branches of the mammalian aortic arch, 36, 389-99
- on an anomaly of the superior intercostal artery in the Grison (*Galictis vittata*) 36, xxv, P.; Dorsal distribution of median nerve in *Phalangista vulpina*, 36, xxv, P.
- Demonstration of wooden models of abdominal and thoracic viscera, 36, xlii, P.
- On the meaning of some of the epiphyses, 37, 315-23
- On the meaning of some of the pelvic centres of ossification, 37, xli, P. (t.o.); On the obturator tertius muscle of ungulates, 37, xli-xlii, P.
- Observations on traction epiphyses, 38, 248-58
- On the nature of certain epiphyses, 38, ii, P. (t.o.)
- The meaning of the expansions of the gracilis and semitendinosus, 38, ii-iii, P.
- Liver with two right and two left lobes, 38, xxiii-xxiv, P.
- On pressure epiphyses, 39, 402-12
- Articular epiphyses of the long bones, 39, vi, P.
- Notes on the coronal suture, 40, 242-3; 40, ix, P.
- Observations on the head of the tibia, 41, 83-7
- Topographical anatomy of the upper end of the tibia, 41, ii, (June 1906) (t.o.)
- On the form of the caecum, 42, 30-9
- Meckel's diverticulum of unusual length, 42, 349
- Further remarks on traction epiphyses, 42, 388-96
- Multiple spleens, 42, 459, anat. not.; 43, v (t.o.)
- The topography and morphology of the human hyoid bone, 43, 279-90
- The form of the caecum, 43, i, P. (March 1907) (t.o.)
- The differences between spade and battle-axe marks on skulls, 43, iii, P. (July 1907) (t.o.)
- Description of hyoid bones, 43, iv, P. (November 1908) (t.o.)
- Meckel's diverticulum five and a half inches in length, 43, v, P. (t.o.)
- Traction epiphyses, 43, v, P. (t.o.)
- On the carotid sheath and other fascial planes, 44, 153-5; 44, iii, P. (t.o.)
- Specimens of injected tendon sheaths in the forearm and leg, 44, 396-7, anat. not.
- A modification of the auricular height craniometer, 44, 397-8, anat. not.
- On the form of the parotid gland, 45, 239-41
- On the reconstruction of the norma facialis and verticalis of the skull, 45, 242-48
- On contour diagrams of the mandible, 46, 384-90
- The characters of the English thigh-bone, 48, 238-67; part II, The difficulty of sexing, 49, 345-61
- Demonstration of the mode of termination of the ligamenta dentata, 50, 11, P. (March 1915)
- Specimens of hip-joints, 50, 11-12, P. (March 1915)
- On the proportions and characteristics of the modern English clavicle, 51, 71-93; 51, 6-7, P. (June 1916)
- Note on abnormal muscle in popliteal space, 54, 170: Level of external auditory meatus, 54, 171: Note on recurrent laryngeal nerves, 54, 172
- Exhibition of x-ray photograph of double thumb, 59, 41, S.P. (t.o.)
- The orbital aperture, 59, 61, S.P.
- The evolution of brachycephaly, 59, 72-3, S.P.
- Casts, of organs, made of 'crepe india-rubber', 59, 109, S.P.
- English skulls, and evolution of head shape, 63, 159, P.
- The position of the external auditory meatus, 63, 425-6
- The thickness of the living scalp, 63, 427-9
- Some observations on Jutish skulls, 64, 120-1, P.
- The position of the external auditory meatus and The thickness of the living scalp, 64, 116, P. (t.o.)
- Alveolar and facial prognathism, 65, 149-51
- & Davies, D. A., Radiographic study of the human epiphyses, 61, 484-5, P.
- & Keene, Mrs Lucas, Sexual differences in the skull, 54, 58-65
- & Keith, A., Sixth annual report of the Committee of Collective Investigation of the Anatomical Society of Great Britain and Ireland, 1895-6, 31, 31-44; 31, 619-23
- Seventh report of the Committee of Collective Investigation of the Anatomical Society of Great Britain and Ireland, 32, 164-86
- see also Burwell, R. G. & Smiddy, F. G.
- Davies, D. A.
- Windle, B. C. A.
- Parsons, J. Herbert**, The effect of thyroidectomy upon nitrogenous metabolism, 35, 476-86
- Partridge, E. Joyce**, The relations of the glossopharyngeal nerve at its exit from the cranial cavity, 52, 332-4

Author Index

- Partridge, E. Joyce**, Anomalous carpal bones, 57, 378-9; 59, 60-1, *S.P.*
 Joints, the limitation of their range of movement, and an explanation of certain surgical conditions, 58, 346-54
 The protection of joints by their nerve supply, 59, 73, *S.P.*
- Paschutin**, On reflexes of the nervous system, 1, 157, *rep.*
 on separation of digestive ferments, 6, 459-60, *rep.*
 On action of saliva on starch, 6, 459, 487, *rep.*
 On secretion of lymph in the fore-limbs of the dog, 8, 199-203, *rep.*
- Paschutin, V.**, On amylotic ferment of pancreas, 8, 409, *rep.*
 On separation of digestive ferments, 8, 409, *rep.*
 On the butyric acid fermentation, 8, 409-10, *rep.*
- Pask, E. A.**, *In vitro* experiments designed to investigate an aspect of the histological development of long bone rudiments of the chick, 69, 145, *P.*
- Pasricha, C. L.**, Abnormal ribs and vertebrae in a human foetus, 53, 254-8
- Pasteau**, on the tibial groove for the popliteus muscle, 33, 351 (*ref. only*)
- Pasteur, Joubert & Chamberlaud**, On charbon or malignant pustule in fowls, 13, 264, *rep.*
- Pasteur, L.**, On the theory of fermentation, 13, 264-5, *rep.*
- Patangia, G. N.**, Pattern of degeneration in the central nervous system of the cat produced by tri-orthocresyl phosphate poisoning, 97, 644-5, *P.*
- Pate, J. R.**, An unusual occipito-atloid articulation, 71, 128-9, *anat. not.*
- Paternò-Castello**, A case of symmetrical brachydactyly in the hands, 44, 105, *rep.*
- Paterson, A**, congenital malformed heart, 44, 102, *rep.*
- Paterson, A. M.**, Notes on abnormalities, with special reference to the vertebral arteries, 18, 295-303
 A method of maceration, 19, 171-7
 On some monstrosities in a Dorking fowl, 21, 180-4
 The morphology of the sacral plexus in man, 21, 407-12
- The limb plexuses of mammals, 21, 611-34
 The position of the mammalian limb: regarded in the light of its innervation and development, 23, 283-99
- Fracture of the cervical vertebrae (judicial hanging), 24, ix, *P.*
- The pectineus muscle and its nerve-supply, 26, 43-7
 anomalies in skeleton of negro, 27, xxii-iv, *P.*
- The origin and distribution of the nerves to the lower limb, 28, 84-95; 28, 169-93
- On 2 examples of diaphragmatic hernia, 29, xxi-xxiii, *P.*
- A discussion of some points in the distribution of the spinal nerves, 30, 530-8; 30, xxi-xxii, *P.*
- The genito-urinary organs of the female Indian elephant, 32, xl, *P. (t.o.)*
- The head of a full-term foetus, 34, v, November 1899
- The sternum: its early development and ossification in man and mammals, 35, 21-32
 On a hydrocephalic foetus, 35, ix-x, *P.*
 Suprasternal ossifications, 35, x, *P.*
The human sternum, 1904, 39, 368, *rev.*
 on morphology of the sternum, 36, xxvi, *P.*
 The mechanical supports of the pelvic viscera, 41, 93-108
 The mechanical supports of the pelvic viscera, 41, vii, *P. (November 1906)*
 The form of the rectum, 43, 127-33; 43, i, *P. (June 1908) (t.o.)*
- Two abnormal sterna in living subjects, 43, 322-3
 Obliteration of the left common external and internal iliac arteries, 44, 56
 Right lung with two additional lobes, 44, 394-5, *anat. not.*
 on a case of occlusion of the left external iliac artery, with consequent anastomoses, 44, ii, *P. (t.o.)*
 The subscapularis muscle, 46, 11
 The form of the human stomach, 47, 356-9
 Demonstration of skeleton of a recent case of myositis ossificans, 50, 3-5, *P. (January 1915)*
 The action of the biceps flexor cruris, 51, 362-3, 51, 12, *P. (December 1916)*
The anatomy of the peripheral nerves, 1919, 54, 100, *rev.*
- & **Dun, R. C.**, The genito-urinary organs of the female Indian elephant, 32, 582-604
- & **Lovegrove, F. T.**, on peculiarities of the foetal vertebral column, 33, iii-iv, *P.*
 Symmetrical perforation in the parietal bones: including an account of a perforated and distorted cranium from the Liverpool Museum, 34, 228-37
see also Emrys-Roberts, E.
- Paterson, E. L.**, The morphology and function of mammalian digital sesamoid bones, 80, 225, *P.*
- Paterson, R. S.**, A radiological investigation of the epiphyses of the long bones, 64, 28-46
- Pathak, V. B., Reinhardt, W. O. & Yoffey, J. M.**, Lymphocytes in thoracic duct lymph and bone marrow of the guinea-pig, 90, 568, *P.*
- Paton, G.**, on heart sounds, 5, 402, *rep.*
 A case of oxycephaly, 44, 100, *rep.*
- Paton, D. Noël**, *see* Noël-Paton, D.
- Paton, G.**, on action and sounds of the heart, 8, 402, *rep.*
- Paton, John Wilson**, Researches on the action of certain drugs upon the urine, and the influence of diet and mental work upon this excretion, 5, 285-313
- Patten, see** Bennett
- Patten, C. J.**, Two curious modifications of the lower jaw; Cervical vertebra in which laminae have not fused, 31, xxxiv, *P. (t.o.)*
 on the lower jaw of an old subject, 32, xxi, *P.*
 Spina bifida, 32, xxi, *P. (t.o.)*
 Form and position of the thoracic and abdominal organs in the lemur, 34, xlv-xlix, *P. July 1899*
 Note on the configuration of the heart in man and some other mammalian groups, 35, 71-82
 Demonstrations of a spleen showing the peritoneal connections with the stomach and left kidney, a heart showing 3-sided form of the organ, the kidneys viewed from behind, a model of the Hainan gibbon (*Hylobates hainanus*) 37, lxviii, *P.*
 The anthropological collections in the Museum of Anatomy, Sheffield University, 40, iii, *P. (t.o.)*
 demonstration of absence of corpus callosum, 41, iii, *P. (June 1906) (t.o.)*
 External features of an early human embryo with a distended amnion, 43, 235-41, *P.*
 Engisoid crania, 43, iii, *P. (July 1908) (t.o.)*
 Distribution of the Wormian bones and the arrangement of the sutures on the skull of the chimpanzee, 43, iv, *P. (November 1908) (t.o.)*
 a case of polydactyly, 44, ii, *P. (t.o.)*
 Early human embryo, 44, iii, *P. (dem.)*
 Cranium of a young orang, showing bilateral and symmetrical complete bipartite division of the parietals, 46, 28-32
 Cranium of a chimpanzee, showing metopic suture; also fontanelle and sutural bone-plates, 46, 33-5

Author Index

- Patten, C. J.**, Abnormal mandible of a chimpanzee; Variations in some muscles of the forearm, 59, 19-20, *S.P.*
 Variations in the connections of the outer cord of the brachial plexus and distribution of the musculocutaneous nerve, 59, 20, *S.P.*
Cranium of *Cebus capucinus*, showing compound division of the parietal bones, 59, 79-80, *S.P.*
Specimen showing divided parietal bone in young puma (*Felis concolor*) 59, 84, *S.P.*
Ovaries and plumage-markings in blackbirds 59, 96-7, *S.P.*
Cranium of *Felis concolor*, showing division of the right parietal and temporal bones, 59, 97, *S.P.*
An acroscaphocephalic cranium with an intra-parietal suture, 59, 111-12, *S.P.*
Models showing (a) unusual variations of the coeliac axis and superior mesenteric arteries and (b) a human cranium showing indications of divided parietals, 60, 471-2, *P.*
On the technique of bird utterances, 64, 108-9, *P.*
Model of abnormal heart in human embryo, 65, 174-5, *P.*
An unusual muscular variation at the wrist, 66, 149-50, *P.*
A case of absence of the corpus callosum, 66, 150, *P.*
Right sternalis muscle with expanded fenestrated tendon, 68, 424-5, *anat. not.*
Right sternalis muscle, narrow and spindle-shaped, 68, 426, *anat. not.*
Bilateral capsular insertion of part of the tendon of the pectoralis minor, 68, 427, *anat. not.*
(1) Bilateral capsular insertion of pectoralis minor muscle (2) two sternal muscles, 69, 132, *P. (disc. only)*
Hypertrophy of beak in birds, 69, 132-3, *P.*
Muscle variations in one subject, 69, 146-8, *P.*
The cornea of birds, 69, 148-50, *P.*
— & MacConaill, M. A., Skeletal remains found in Limestone Crevice, 70, 193-5, *P.*
Patterson, E. L., The arterial blood supply of the sympathetic trunks in man, 83, 79-80, *P.*
Sources of arterial blood supply to the superior and middle cervical sympathetic ganglia and the ganglion intermédiaire, 84, 329-41; 84, 406, *P.*
The arterial supply to the stellate ganglion, 87, 219-27, 86, 492-3, *P.*
A rare type of congenital cardiac aneurysm, 91, 574, *P.*
Patteson, R. Glasgow, A contribution to the pathology of joint bodies, 24, 360-72
Adenoma of the breast in childhood, 26, 509-15
Patti, Syringomelia, 39, 500, *rep.*
Paturet, G., *Traité d'Anatomie humaine*, vols. I and II. 1951. 86, 81-2, *rev.*
Pauchet, V. & Dupret, S., *Pocket atlas of anatomy*, 2nd ed. 1931. 66, 278-9, *rev.*
Pauer, von, Case of double uterus, 38, 369, *rep.*
Paul, On the histological study of dentine, 33, 680 (*ref. only*)
Paul, Constantin, On the influence of digitalis on the pulse, 3, 226, *rep.*
Paul, W. M., Daniel, E. E., Kay, C. M. & Monkton, G., *Muscle: Proceedings of the Symposium held at the Faculty of Medicine, University of Alberta*, 1964, 1965. 100, 204, *rev.*
Paulus, On cutaneous sensibility in lower limb, 7, 180, *rep.*
Pauwels, F., *Gesammelte Abhandlungen zur Funktionellen Anatomie des Bewegungsapparates*, 1965. 100, 207-8, *rev.*
Pavey, on digestion, 6, 460, *rep.*
Paviot, A case of anomalies of the coronary arteries, 44, 101, *rep.*
Pavlov, *see* Pawlow
Pavy, on experimental induction of diabetes, 9, 244, *rep.*
Pavy, F. W., On food and dietetics, 9, 233, (*book*) *rep.*
on glycosuria experimentally produced by oxygenated blood in the liver, 10, 648, *rep.*
The Croonian lectures on certain points connected with diabetes, 1878. 13, 290, *rev.*
Pawlinoff, on the sources of uric acid in the organism, 7, 355, *rep.*
on diabetes mellitus, 10, 651, *rep.*
Pawlow, *see* Afonassieff
Pawlowsky, A., on course of the fibres of the posterior commissure, 9, 203, *rep.*
Payne, Dinah C. & King, A. S., Is there a vestibule in the lung of *Gallus domesticus*? 93, 577, *P.*
The lung of *G. domesticus*: secondary bronchi, 94, 292-3, *P.*
see also King, A. S.
Payne, E. E., *see* Rogers, L. C.
Payton, C. G., Measurements of the diaphyseal growth in the limb bones of the pig, 65, 170, *P. (t.o.)*
The growth in length of the long bones in the madder-fed pig, 66, 414-25
The growth of the epiphyses of the long bones in the madder-fed pig, 67, 371-81; 68, 133, *P. (disc. only)*
The position of the nutrient foramen and direction of the nutrient canal in the long bones of the madder-fed pig, 68, 500-10
The growth of the pelvis in the madder-fed pig, 69, 326-43; 70, 193, *P. (t.o.)*
Peach, R., The effect of scurvy on the fine structure of fibroblasts in guinea-pig regenerating tendon, 97, 141, *P.*
— & Bulmer, D., Cytochemistry and electron microscopy of the granulated metrial gland cells of the rat placenta, 99, 415-16, *P.*
Peacock, A., Abnormal cervical vertebrae, 80, 220, *P.*
Observations on the pre-natal development of the intervertebral disc in man, 85, 260-74
Observations on the postnatal structure of the intervertebral disc in man, 86, 162-79
Peacock, T. B., On malformation of heart, two cases of atresia of orifice of pulmonary artery and aorta communicating with both ventricles, 4, 306, *rep.*
On congenital defect of pulmonary and aortic orifices, 3 cases, 5, 380, *rep.*
Pearce Gould, E. L., *see* Pearce-Gould, E. L.
Pearce, G. W., The size of the boutons terminaux in the sixth cervical segment of the spinal cord of the cat, 90, 566, *P.*
— & Glees, P., Experimental studies on the descending tectal pathways of the cat, 87, 443, *P.*
A statistical study of the boutons terminaux of the cervical region of the spinal cord of the cat, 89, 563, *P.*
The termination of the crossed tecto-spinal tract in the spinal cord of the cat, 90, 565-6, *P.*
The tectal projection to the brain stem reticular formation in the cat, 90, 599, *P.*; 91, 572, *P.*
Pearce, Miss I., *see* Williamson, G. Scott
Pearce-Gould, E. L., The bearing of the abnormal right subclavian artery on the origin and homologies of the right and left superior intercostal arteries, 43, iv (November 1908) (*t.o.*)
Pearl, Deaths from malformations in relation the greater variability of men and women, 39, 496-7, *rep.*
Pearsall, W. Booth, On the linear determination of the human toothform, 31, xl, *P. (t.o.)*
On the linear determination of the human tooth form, 32, 219-222; 32, xxii, *P.*

Author Index

- Pearse, A. G. E., *Histochemistry, theoretical and applied*, 1953. 87, 433, *rev.*
- Pearse, Innes H., *see* Williamson, G. S.
- Pearson, Multiple congenital defects of eye and ear, 44, 99, *rep.*
- Inheritance of split-foot, 44, 105, *rep.*
- see also* Whiteley
- Pearson, Helga S., The skull and some related structures of a late embryo of *Lygosoma*, 56, 20-43; 59, 15, S.P.
- Pelvic and thigh muscles of *Ornithorhynchus*, 60, 152-63
- The hinder end of the skull in *Merycopotamus* and *Hippopotamus minutus*, 63, 237-41
- Pearson, Karl, The reconstruction of the stature of prehistoric races, 33, 506 (*ref. only*)
- Pearson, O. H. & Joplin, G. F. editors, *Dynamic studies of metabolic bone disease*, 1964. 99, 675, *rev.*
- Pease, D. C. & Quilliam, T. A., The fine structure of the Pacinian corpuscle, 91, 574, P.
- Pedler, C. M. H., An automatic drive mechanism for a Huxley ultra-microtome, 97, 312, P. (t.o.)
- & Tilly, R., The radial fibres of the reptilian retina, 97, 626-7, P.
- Peet, E. W., The anatomy of the internal ear, 72, 613-14, P.; 72, 614, P. (*dem.*)
- see also* Hallpike, C. S.
- Péhu, M., *see* Weill, E.
- Pekelharing, C. A., on estimation of urea, 10, 650, *rep.*
- Peking Union Medical College, *Contributions from the Department of Anatomy, of the Peking Union Medical College*, Peking. Vol. IV, collected papers, nos. 58-83, 1927. 63, 390-1, *rev.*
- Pelc, G., *see* Bacsich, P. & Wyburn, G.
- Pelc, S. R., *see* Glücksmann, A. & Howard, Alma
- Pelikan, Actions of *Nerium Oleander*, 1, 154, *rep.*
- Pélikan, E., on the action of saponine on nerves and muscles, 2, 424-5, *rep.*
- Péllissard, L. Jolyet, F. & Cahours, A., on action of ethyl conia, and iodide of diethyl derivatives of conia, 3, 479, *rep.*
- Pellegrini, *see* Leuzi
- Pelvet, *see* Martin-Damourette
- Pendlebury, H. S., a specimen of an accessory supracondylar ligament at the back of knee, 28, iv-v, P.
- Penzoldt, F., on paralysis of the dilator of the glottis, 9, 232, *rep.*
- Péraire, On skiagraphy of a case of polydactyly, 33, 500 (*ref. only*)
- Congenital cervical lipoma, 38, 366, *rep.*
- Fistula of the neck, 38, 366, *rep.*
- A case of sexdigitism, 38, 371, *rep.*
- A case of additional minimus, 36, 305, *rep.*
- see also* Longuet
- Percival, On a case of defective development of the left canaliculus lachrymalis, 43, 119, *rep.*
- Peremeschko, On the structure of the thyroid gland, 2, 170-1, *rep.*
- On the structure of the pituitary body [gland], 2, 171, *rep.*
- Perewoznikow, A., On synthesis of fat, 11, 559, *rep.*
- Perez, On a description of species which was first called *Vibrio*, 1, 367, *abs.*
- Pergrani, On non-regeneration of the spleen, 1, 166, *rep.*
- Perl, L., on effects of repeated haemorrhages upon cardiac muscle, 8, 407, *rep.*
- Perls, on the amount of creatine in human muscles in various diseases, 4, 321, *rep.*
- on estimation of urea in blood and tissues, 4, 323, *rep.*
- Pernet, A case of achondroplasia, 39, 499, *rep.*
- Pernkopf, E., *Atlas of topographical and applied human anatomy*. Vol. 1. *Head and neck*, (ed. by Ferner, trans. by Monson) 1963. 98, 280, *rev.*; Vol. 2 (ed. Ferner, trans. by Monson) 1964. 99, 185, *rev.*
- Peroncito, on the regeneration of striped muscular fibre, 10, 651, *rep.*
- Perretti, J., on toxic effects of caffeine, 11, 208, *rep.*
- Perrier, E., on pedicellaria and ambulacral arrangements of *Echinodermata*, 4, 308, *rep.*
- Perrier, R., *Éléments d'anatomie comparée*, 1892. 27, 429, *rev.*
- Perrin, *see* Féré, C.
- Perrin, J. B., Notes on some variations of the pectoralis major with its associate muscles, 5, 233-40
- On a rudiment of the dorsal portion of the panniculus carnosus, superficial to the trapezius, 5, 241
- On a peculiar additional digastric muscle, 5, 251-6
- On epicondyloid and epitrochlear foramina, 6, 433-4, *rep.*
- On additional true rib, 6, 435, *rep.*
- On supracostalis muscle, 6, 441, *rep.*
- On osteological notes on *Balaenoptera rostrata*, 6, 445, *rep.*
- On variations of muscles, 7, 327, *rep.*
- Perrod, On regressive character of the glenoid cavity among criminals, 33, 679 (*ref. only*)
- On anthropology of New Guinea, 33, 685 (*ref. only*)
- Perrott, J. W., Morphological variations found in musculature of the pharyngo-oesophageal junction, 98, 490-1, P.A.S.A.N.Z.
- Peritoneal reflexions in *Trichosurus vulpecula*, 99, 955-6, P.A.S.A.N.Z.
- Intra-mural vascular patterns in the duodenum of the brush-tailed possum, 100, 945, P.A.S.A.N.Z.
- Perrotta, C. A. & Lewis, P. R., A histochemical study of placental esterases in the guinea-pig and in the human, 92, 110-17
- Perry, J., Cell production in the liver of the developing chick, 88, 571-2, P.
- Personne, J., on toxic action of pyrogalllic acid, 4, 316-17, *rep.*
- Peter, K., Wetzell, G. & Heiderich, F., *Handbuch der Anatomie des Kindes*, zweiter Band, 1. Lieferung, 1927. 63, 147, *rev.*; erster Band, 1. Lieferung, 1928. 63, 393-4, *rev.*; erster Band, 2. Lieferung, 1928. 63, 498-9, *rev.*; 2nd volume, 2nd part, 1929. 64, 536, *rev.*; vol. II, pt. 3, 1931. 67, 488, *rev.*; vol. I., part 4, 1936, and vol. II, part 5, 1938. 72, 638-9, *rev.*
- Petermöller, On nerves of cornea, 3, 455, *rep.*
- Peters, Congenital defect of Descemet's membrane, 44, 99, *rep.*
- Peters, A., Experimental studies on the staining of nervous tissue with silver proteinates, 93, 177-94
- The development of peripheral nerves in *Xenopus laevis*, 93, 577, P.
- The structure of myelin sheaths in the central nervous system, 94, 288-9, P.
- Cell contacts in the central nervous system, 95, 610, P.
- Plasma membrane contacts in the central nervous system, 96, 237-48
- An electron microscope study of the dorsal root nerves of *Amphioxus*, 97, 310, P.
- Observations on the connexions between myelin sheaths and glial cells in the optic nerves of young rats, 98, 125-34
- & Mackay, B., The morphology and innervation of segmental muscle in the lamprey (*L. fluviatilis*) 95, 288-9, P.
- The structure and innervation of the myotomes of the lamprey, 95, 575-85

Author Index

- Peters, A. & Muir, A. R.**, Observations on the development of nerves in embryonic rats, 92, 667-8, *P.*
- & **Palay, S. L.**, An electron microscopic study of the distribution and patterns of astroglial processes in the central nervous system, 99, 419, *P.*
- The morphology of laminae A and A₁ of the dorsal nucleus of the lateral geniculate body of the cat, 100, 451-86
- see also Mackay, B. & Muir, A. R.
- Smith, J. W. & Serafini-Fracasini, A.
- Vaughn, J. E.
- Peters, H. G. & Bademan, H.**, The form and growth of stellate cells in the cortex of the guinea-pig, 97, 111-17
- Peters, W.**, On homology of quadrate bone, 3, 206, *rep.*
- On ear bones and Meckel's cartilage, 3, 458-9, *rep.*
- On ossicles of ears, 4, 310, *rep.*
- Peters, W. C. H.**, On a description of *Dinomys*, 9, 404, *rep.*
- Petersen, H.**, *Grundriss der Histologie und mikroskopischen Anatomie des Menschen*, edited by F. Körner, 1950. 86, 231-2, *rev.*
- Petit, P.**, Testicular tumour in horse, 39, 506, *rep.*
- Diaphragmatic hernia in a cat, 40, 299, *rep.*
- Cervical cyst in a dog, 40, 299, *rep.*
- & **Lesage, A.** Case of pseudohermaphroditism in a guinea-pig, 38, 364, *P.*
- Petit, P.**, on pseudo hermaphroditism, 26, 435, *rep.*
- Petrowsky, On** composition of grey and white matter, 8, 181, *rep.*
- On wheel formation in various states, 8, 186, *rep.*
- On development of muscle fibres in frog, 8, 424, *rep.*
- Pettenkofer & Voit**, On variation of oxygen absorption and CO₂ excretion during night and day, 2, 181, *rep.*
- On respiration of dogs during fasting and during an exclusively fatty diet, 4, 321-3, *rep.*
- On the regressive metamorphosis in animal bodies during a flesh diet, 7, 350, *rep.*
- On feeding with flesh and fat, 8, 204, *rep.*
- On metabolism of fat and meat, 8, 207-8, *rep.*
- On feeding with meat and carbohydrates and carbohydrates alone, 8, 415-16, *rep.*
- Pettigrew, On** circulation plants, lower animals and man, 8, 189, *rep.*
- Pettigrew, J. B.**, on muscular fibres of the bladder and prostate, 1, 150-1, *rep.*
- on the fibres of the muscular wall of the stomach, 2, 167, *rep.*
- On mechanism of flight, 3, 205, *rep.*
- On physiology of wings, 5, 385, *rep.*
- On structure and functions of the placenta, 7, 333-4, *rep.*
- Pettit, L. A.**, see Féré, C.
- Peyer, B.**, *Die Zähne: Ihr Ursprung, ihre Geschichte und ihre Aufgabe*, 1963. 97, 611, *rev.*
- Peyrani**, Action of the sympathetic on the secretion of urine, 5, 216, *rep.*
- Peyraud, On** costal cartilages, regeneration of, 4, 153, *rep.*
- Peyre**, see Rabuteau
- Pfeiffer**, see Quincke
- Pfeiffer, Carl C. & Smythies, J. R.** editors, *International Review of Neurobiology*, vol. 4, 1962. 98, 277-8, *rev.*; vol. 5, 1963. 99, 399, *rev.*
- Pfister, H. I. C.**, On the distribution of the elastic tissue in the blood vessels of birds, 61, 213-22
- Pfitzner, On** anomalies of the skeleton of the limbs, 33, 679 (*ref. only*)
- Duplication of the fifth toe, 37, 310, *rep.*
- Pfitzner, W.**, Brachyphalangy, 34, 422-3, *rep.*
- Duplicity of fifth toe, 34, 423, *rep.*
- Accessory ossicles of carpus, 35, 505-7, *rep.*
- Notes on additional ossicles, 36, 306, *rep.*
- Leitfaden für Situsübungen an der Leiche*, 1931. 67, 188-9, *rev.*
- see also Schwalbe, G.
- Pflanz**, Dermoid cyst of the anterior mediastinum, 32, 790-1, *rep.*
- Pflüger, On** blood chemistry with reference to haemoglobin, 2, 177, *rep.*
- On blood gases in asphyxia, 3, 467-8, *rep.*
- On saliva (submaxillary gland) gases, 4, 179, *rep.*
- On bile gases, 4, 180, *rep.*
- On gases of milk, 4, 181, *rep.*
- On gases of urine, 4, 181, *rep.*
- On innervation of liver, 4, 188-9, *rep.*
- On the diffusion of oxygen, the seat and the laws of the oxidation processes in the animal organism, 7, 347, *rep.*
- & **Zuntz**, on effect of phosphoric acid upon blood gases, 3, 468, *rep.*
- Pflüger, A. E.**, on influence of respiration on tissue metabolism, 11, 567, *rep.*
- Pflüger, E.**, on nerves of the pancreas, 4, 156, *rep.*
- On termination of the nerves in the salivary glands, 4, 156, *rep.*
- On nerve-endings in acinous glands in the liver, 5, 379, *rep.*
- on the phosphorescence of dead organisms, 10, 656-7, *rep.*
- & **Platen, O.**, on influence of the eye on metamorphosis, 10, 634, *rep.*
- Pflüger, H.**, see Schürmann, P. & Norrenbrock, W.
- Pförtner, on** ganglion intercaroticum and supra-renal bodies, 3, 455, *rep.*
- Phelps Allis, E.** see Allis, E. Phelps
- Philip, J. F.**, A slight variation in the posterior surface of the calcaneum, 71, 153-4, *P.*
- see also McKenzie, J. & Logie, D.
- Philippeaux, On** the regeneration of the spleen on mouse and rabbit and of the limb in salamander, 1, 368, *abs.*
- on the formation of bone from periosteum, 7, 357, *rep.*
- Philippeaux, J. M. & Vulpian, A.**, on anastomosis between superior and inferior laryngeal [recurrent] nerves, 4, 159, *rep.*
- Philipp, E. E.**, see Walls, E. W. & Atkins, H. J. B.
- Phillips**, see Bankart & Pye-Smith
- Phillips, J. G.**, see Benson, G. K.
- Benson, G. K. & Holmes, W. N.
- Chan, D. K. O.
- Phillips, Llewellyn, C. P.**, Two cases of cervical rib, 34, xxxiii-xlii, *P.* May 1900
- Phillips, R.**, see Woollard, H. H.
- Phillipson, A. T.**, Radiographic studies of sheep stomach, 76, 229, *P.*
- Phisalix, M. C.**, Absence of inferior vena cava in guinea pig, 34, 420, *rep.*
- Picard, On** content of iron in liver and spleen, 9, 420, *rep.*
- On chemical composition of spermatozoa, 9, 442, *rep.*
- Picard, P.**, On glycogen in marine animals, 10, 648, *rep.*
- see also Malassez, L.
- Pick, On** a deformity of the thumb, 43, 124, *rep.*
- Pick, E.**, On innervation of blood vessels (Bochefontaine) 8, 185, *rep.*
- On reflex innervation of arteries and veins, 8, 407, *rep.*
- Pick, J. & Sheehan, D.**, Sympathetic rami in man, 80, 12-20
- see also Sheehan, D.

Author Index

- Pick, R., On action of amyl nitrite muscle fibres, 8, 425, *rep.*
- Pick, T. P., On case of conjoined twins, 4, 306, *rep.*
- Pickering, J. W., *see* Shore, T. W.
- Pickford, R. W., *see* Newburn, G. M. & Hirst, R. J.
- Pickworth, F. A., New method of investigating the brain capillaries and its application to the study of the brain in cases of mental disease, 68, 149-50, P.
- A new method of study of the brain capillaries and its application to the regional localisation of mental disorder, 69, 62-71
- Picot, On inflammation, 5, 215, *rep.*
- Picqué, L., Absence of thumb, 31, 461-2, *rep.*
- Piel, Congenital malformations of the ear, 40, 298, *rep.*
- Piersol, G. A., *see* Hirst, B. C.
- Piette, E., *L'époque Eburnéenne et les races humaines de la période Glyptique*, 1894 29, 141, 144, *rev.*
- Pikkieff, Ellen, On subcutaneous veins of the neck, 72, 119-27
- Pilliet & Bouglé, Anomaly of the uterus, 30, 461, *rep.*
- Pineau, A., On complete transposition of viscera, 27, 417, *rep.*
- Pink, on glycogen formation in liver, 9, 437-8, *rep.*
- Pinkerton, R., Observations on the temperature of the healthy body in various climates, 15, 118-20
- Piquard, Complete absence of the vermiform appendix, 35, 123 (*ref only*)
- Pircher, on nature of kryptophanic acid, 6, 467, *rep.*
- Pires de Lima, J. A., *see* de Lima, J. A. Pires
- Pirie, A., Bembridge, B. A. & Crawford, G. N. C., Phase-contrast microscopy of the vitreous body in cattle, 86, 474, P.
- Pisenti, G., *see* Valenti, G.
- Pisson, *see* Kuss
- Pitard, On 51 French criminal crania, 33, 506 (*ref. only*)
- Pitres, *see* François-Franck
- Pitres, A., Nomenclature of different regions of centrum ovale of cerebral hemispheres, 13, 266 (*t o*); comment by Turner, 13, 272-3
- Pitsch, R., Sprengel's shoulder, 34, 422, *rep.*
- Pitts, On transperitoneal ligature of the iliac arteries, 33, 682 (*ref only*)
- Pizey, N. C. D., The structure of the pinniped lung, 88, 552, P
- Place, On rate of conduction in motor nerves, 5, 211, *rep.*
- & van West, On rate of conduction in motor nerves, 5, 397, *rep.*
- Place, T., *see* Engelmann, G. J.
- Plateau, On the efficiency of the eye of the fish, 1, 368, *abs.*
- on action of fresh and salt water on animal life, 6, 246, *rep.*
- Platen, O. von & Pflüger, E., on the influence of the eye on tissue metabolism, 11, 191-2, *rep.*
- see also* Pflüger, E.
- Platts, M. M., *see* Martin, B. F.
- Plaut, A., Investigations on the pars intermedia of the hypophysis in anthropoid apes and man, 70, 242-9
- Playfair M'Murich, J., *see* M'Murich, J. Playfair
- Plomley, N. J. B., Stature in the Tasmanian aborigines, 98, 482, P.A.S.A.N.Z.
- & Baldwin, F., The hair follicle in the Tasmanian aborigine, 98, 493-4, P.A.S.A.N.Z.
- & Wilkinson, W. J. C., Introduced disease as a cause of death among the Tasmanian aborigines, 98, 489, P.A.S.A.N.Z.
- Plosz & Gyorgyai, on blood coagulation in the living animal, 9, 421, *rep.*
- Plósz, P., On the albuminous substances of hepatic cells, 8, 419, *rep.*
- On peptones, 9, 234, *rep.*
- On dietetic value of peptones, 10, 213, *rep.*
- & Gyorgyai, A., On nutritive value of peptones, 10, 647-8, *rep.*
- & Tiegel, E., On the sugar-producing ferment of blood, 8, 199, *rep.*
- Poch, Hella, A contribution to the muscular anatomy and certain racial distinctions of Bush natives, 63, 280-1, *abs.*
- Podolinski, On expulsion of nitric oxide from the blood, 8, 197, *rep.*
- Poelchau, G., On perodactyly of foot, 1 case, 26, 440, *rep.*
- Pofoff, On blood chemistry, with reference to haemoglobin, 2, 178 *rep.*
- Poggiale & Marty, On hydrocyanic acid and tobacco smoke, 5, 391, *rep.*
- Pohlman, A. G., Multiple anomalies in the upper extremities of one cadaver, 42, 433-7
- Poincaré, on innervation of the thyroid gland, 10, 451-2, *rep.*
- Pokrowsky & Traube, On action of carbonic oxide, 1, 154-5, *rep.*
- Polailon, A., On hermaphroditism, 26, 435, *rep.*
- On perodactyly of hand, 1 case, 26, 440, *rep.*
- Poland, *Traumatic separation of the epiphyses*, 1898. 33, 500, *rev.*
- Poland, J., Variations of the external pterygoid muscle, 24, 567-72
- Poland, John, *Traumatic separation of the epiphyses*, 1898 33, 686, *rev.*
- Skigraphic atlas*, 1898 33, 686, *rev.*
- Poliak, S., *The main afferent fiber systems of the cerebral cortex in primates*, vol II, 1932. 68, 123-4, *rev.*
- Politzer, On hyperaesthesia acustica, 6, 226, *rep.*
- On the anatomy of the ear, 9, 416, *rep.*
- Poljak, S., The connections of the acoustic nerve, 60, 405-9, P.
- Association fibres of the cerebral cortex, 60, 469, P.
- Pollak, J. K. & Ward, D., The correlation of morphological and biochemical changes during the development of embryonic liver, 100, 944, P.A.S.A.N.Z.
- Poller, A., *Das Pollersche Verfahren zum Abformen an Lebenden und Toten sowie an Gegenständen*, 1931. 67, 187-8, *rev.*
- Poller, E. B. von & Fetscher, E., *Das Pollersche Verfahren zum Abformen an Lebenden und Toten sowie an Gegenständen*, 1931, 65, 559, *rev.*
- Pompeiano, O., *see* Brodal, A
- Brodal, A & Walberg, F.
- Poncet & Leriche, Dwarfism in brother and sister, 39, 498-9, *rep.*
- Poncet, F., On nerve endings in conjunctiva, 10, 452, *rep.*
- Pond, J. & Warwick, R., The production of localized lesions in brain or other tissues by focused ultrasound, 100, 421, P.
- see also* Warwick, R
- Ponfick, On congenital atrophy of right lung, 5, 196, *rep.*
- On effects of blood transfusion, 10, 210-11, *rep.*
- Poole, Frank, S., The relations of the superior oblique muscle of the eye in mammals, 39, 154-160
- A method of recording osteometric indices, 39, 155-160, P.
- Poore, G. V., On electrotherapy, 9, 218, *rep.*
- Popa, F., *see* Popa, G. T.
- Popa, G. T. & Fielding Una, Hypophysoportal vessels and their colloid accompaniment, 67, 227-32

Author Index

- Popa, G. T. & Fielding Una**, A portal circulation from the pituitary to the hypo-thalamic region, 65, 88-91
 Vascular connections of the pituitary body, 65, 178, P.
- & **Lucinescu, E.**, The mechanostucture of the pericardium, 67, 78-107
- & **Popa, F.**, The influence of the sympathetic on the pigeon's wing, 65, 407-10
see also Harris, G. W.
- Popescu, Teratoma**, 37, 303, *rep.*
- Popoff, L.**, On the action of carbon monoxide on haematin, 3, 469, *rep.*
 Changes in brain in typhus and inflammation, 10, 621-3, *rep.*
- Popowsky**, On bifurcated extremities of ribs, which he regards as traces of suppressed segments, 33, 500 (*ref. only*)
- Popowsky, J.**, Bifid ribs, 34, 419, *rep.*
- Poppel, M. H.**, *see* Zaino, C., Jacobson, H. G. & Lepow, H.
- Porak & Durante**, A case of diaphragmatic hernia, 36, 304, *rep.*
- Porot, J.**, *see* Anbaniac, R.
- Porteous, C. J.**, The olecranon epiphyses, 94, 286, P.
see also Cave, A. J. E.
- Porteous, S. D.**, *see* Jones, F. Wood
- Porter**, on three cases of familial achondroplasia, 43, 124-5, *rep.*
- Posener, K., Walker, E. & Weddell, G.**, Radiographic studies of the metacarpal and metatarsal bones in children, 74, 76-9
see also Weddell, G.
- Potarca**, On a case of triorchidism, 43, 117, *rep.*
- Potel, G.**, Congenital malformations of the knee, 32, 794-5, *rep.*
- Potter, E. L.**, *Pathology of the fetus and the infant*, 2nd ed. 1961. 96, 411, *rev.*
- Potter, H. P.**, The obliquity of the arm of the female in extension. The relation of the forearm with the upper arm in flexion, 29, 488-91
- Potter, J. M.**, *see* McDonald, D. A.
- Potter, Miss O. G.**, *see* Fisk, Miss O. G.
- Potter, Peter & Ranson, S. Walter**, A heart presenting a septum across the left auricle, 39, 69-73
- Potts, D. M.**, A new method of graphic reconstruction, 92, 647, P.
- Potts, F. A.**, *see* Borradaile, L. A., Eastham, L. E. S., & Saunders, J. T.
- Potts, T. K.**, The main peripheral connections of the human sympathetic nervous system, 59, 129-35; 59, 108, S.P.
- Pouchet**, On animal heat, 1, 162, *rep.*
 On changes in colouration in various animals under influence of nerves, 9, 412-13, *rep.*
- Pouchet, Georges**, On the brain of edentates, 3, 458, *rep.*; 4, 162, *rep.*
 On vertebral column, of *Myrmecophaga jubata*, 7, 172, *rep.*
- & **Myevre**, On anatomy of *Alcyonaria*, 5, 200, *rep.*
- Powell White, Charles**, *see* White, Charles Powell
- Powell**, Congenital abnormality of the ear, 38, 366, *rep.*
- Powell, R. D.**, on transposition of thoracic and abdominal viscera, 3, 456, *rep.*
- Powell, T. P. S.**, Residual cells in the hemidecorticate human thalamus, 86, 487, P.
- & **Cowan, W. M.**, The connexions of the midline and intralaminar nuclei of the thalamus of the rat, 88, 307-19
 The origin of the mamillo-thalamic tract in the rat, 88, 489-97; 88, 550, P.
- Fibre degeneration following lesions of the hippocampus-fornix system, 89, 563-4
 The thalamostriate projection in the avian brain, 91, 571, P.
- The thalamic projection upon the telencephalon in the pigeon (*Columbia livia*) 95, 78-109
 An experimental study of the projection of the cochlea, 96, 269-84
 A note on retrograde fibre degeneration, 98, 579-85
- & **Raisman, G.**, The central olfactory connexions, 99, 791-813
- & **Erulkar, S. D.**, Transneuronal cell degeneration in the auditory relay nuclei of the cat, 96, 249-68
- , **Guillery, R. W. & Cowan, W. M.**, A quantitative study of the fornix-mamillo-thalamic system, 91, 419-37
- & **Kruger, L.**, The thalamic projection upon the telencephalon in *Lacerta viridis*, 94, 528-42; 94, 451, P.
- & **Mountcastle, V. B.**, The correlation of structure and function in the postcentral gyrus of the macaque monkey, 93, 561-2, P.
see also Adamson, L. & Cowan, W. M.
 Carman, J. B. & Cowan, W. M.
 Clark, W. E. Le Gros
 Cowan, W. M.
 Cowan, W. M. & Adamson, L.
 Cowan, W. M. & Guillery, R. W.
 Daitz, H. M.
 Matthews, M. R.
 Matthews, Margaret R. & Cowan, W. M.
 McGill, J. I., & Cowan, W. M.
 Raisman, G. & Cowan, W. M.
- Powell, W. Erichsen**, *see* Erichsen-Powell, W.
- Power**, On circulation in walls of the heart, 3, 207, *rep.*
 On the structure of sub-mandibular and sub-lingual glands, 3, 213, *rep.*
see also Brunton, T. Lauder
- Power, B.**, on excretion of nitrogen in urine, 9, 439, *rep.*
- Power, D'A.**, *see* Champneys, F. H.
- Poyntz, Susan V.**, *see* Breathnach, A. S.
- Pozzi, S.**, On variation in peroneus brevis, 7, 168, *rep.*
 On a case of a right human lung which possesses a lobus impar (?cardiac lobe) 8, 174, *rep.*
 Cerebral convolutions with relation to the skull, with reference to trephining, 13, 267 (*l.o.*); comment by Turner, 13, 271
- Pratt, C. W. M.**, The plane of fracture of the caudal vertebrae of certain lacertilians, 80, 184-8
 The fate and significance of the primary bony cuff of the mammalian long bone, 90, 596-7, P.
 Observations on osteogenesis in the femur of the foetal rat, 91, 533-44
 The so-called osteogenic fibres of Ranvier's ossification groove and their relation to the fibres of perichondrial and periosteal bone, 91, 591, P.
 The effect of the growth pattern upon the structure of a long bone, 91, 603, P.
 The cells of Ranvier's ossification groove in the long bones of rat and human embryos, 92, 637, P.
 Observations on the fibrous structure of avian bone, 92, 639, P.
 Observations on chondrogenesis in a foetal long bone, 92, 646-7, P.
 The significance of the 'perichondrial zone' in a developing long bone of the rat, 93, 110-22
 Postnatal changes in the shaft of the rat's femur, 93, 309-22
 The effect of age on the arrangement of fibres in the bone matrix of the femur of the domestic fowl, 95, 110-22

Author Index

- Pratt, C. W. M. & McCance, R. A.**, Histological changes occurring in the long bones of chickens dwarfed by prolonged undernutrition, 92, 655, *P*.
 The effects of severe undernutrition and its relief on the structure of the extremities of the long bones of pigs, 98, 294, *P*.
 The effects of severe undernutrition and its relief on the shaft of the long bones in pigs, 98, 471, *P*.
- Pratt, G. Wyatt**, The thyroidea ima artery, 50, 239-42.
- Pravaz, J. C. T.**, On the physiological effects of increase of barometric pressure, 10, 646, *rep*.
- Prentiss**, On polydactyly, especially in the pig, 39, 508-9, *rep*.
- Preston**, On a patent urachus, 33, 683 (*ref. only*)
- Preuss**, On a double monster, 4, 161, *rep*.
- Prévost**, On actions of venaria, 3, 477-8, *rep*.
 On unilateral lesions of brain resulting in rotatory movements, 4, 323, *rep*.
 On distribution of chorda tympani in tongue, 7, 343, *rep*.
 On functions of lingual nerve, 8, 185, *rep*.
 On function of chorda tympani, 8, 398, *rep*.
 On functions of the lingual nerve, 8, 398, *rep*.
 On action of muscarine on the pancreatic and other secretions, 9, 240-1, *rep*.
- & **Waller**, on regeneration of nerves in paraplegic animals, 8, 186, *rep*.
see also Waller
- Prevost, J. L.**, On effect of section of olfactory nerves, 4, 184-5, *rep*.
 On action of chloroform, experiments, 6, 493, *rep*.
- Preyer**, On the estimation of haemoglobin by spectroscopy, 1, 358, *rep*.
 On the relation of oxygen and carbonic acid in the blood, 1, 160-1, *rep*.
 On blood chemistry, with particular reference to haemoglobin, 2, 177-8, *rep*.
 On effect of fatal dose of prussic acid on blood of animals, 2, 420, *rep*.
 On the action of prussic acid and potassium cyanide on the spectrum of the blood, 2, 427, *rep*.
 On mechanism of poisoning by prussic acid in blood, 3, 222-3, *rep*.
 On haemoglobin and methaemoglobin, 3, 463, *rep*.
 On monocular, green colour blindness, 6, 473, *rep*.
 On myophysical researches, 7, 357, *rep*.
- Preyer, W.**, On chemical and spectroscopic study of crystalline haemoglobin and derivatives (monograph) 6, 450-7, *rep*.
 On myo-physical laws, 8, 423, *rep*.
 On salts of lactic acid and production of sleep, 10, 623, *rep*.
- Pribram**, on estimation of calcium and phosphoric acid in serum, 7, 190, *rep*.
see also Mayer
- Pribram, A.**, On partial epispadias, 2, 401, *rep*.
- Price, Dorothy**, editor, *Dynamics of proliferating tissues*, 1959, 94, 279, *rev*.
- Prichard, Marjorie M. L., & Daniel P. M.**, Arterio-venous anastomoses in the tongue of the dog, 87, 66-74.
 Arterio-venous anastomoses in the human ear, 90, 309-17
see also Amoroso, E. C. & Franklin, K. J.
 Amoroso, E. C., Franklin, K. J. & Barclay, A. E.
 Barclay, A. E., Daniel, P., Franklin, K. J. & Trueta, J.
 Davies, J. D. K.
 Franklin, K. J. & Barclay, A. E.
- Priestley, G. C.**, Rates and duration of hair growth in the albino rat, 100, 147-57
- Priestley, John**, Note on certain peculiar cells of the cornea described by Dr Thin, 10, 108-12
 Observations on the physiological action of chromium, 11, 285-301
see also Gamgee, A. & Priestley, J.
- Primrose**, on anatomy of orang utan, 33, 685 (*ref. only*)
- Primrose, A.**, A case of uterus masculinus—tubular hermaphroditism—in the male, with sarcomatous enlargement of an undescended testicle, 33, 64-75
- Primrose, W. B.**, The evolution of the vertebrate endoskeleton: an essay on the significance and meaning of segmentation in coelomate animals, 55, 119-37
 The cephalic myotome, 59, 49-53, *S.P*.
- Prince, J.**, On congenital hypertrophy and macrodactyly, 27, 423, *rep*.
- Princeteau**, A case of congenital and bilateral subluxation of the radius, 44, 106, *rep*.
- Pringle**, On a sacrococcygeal tumour in a man aged 57, 43, 123, *rep*.
- Pringle, C. R.** translator, *see* Grigor'eva, T. A.
- Pringle, J. Hogarth**, Notes of a case of congenital absence of both ulnae, 27, 239-44
- Pritchard**, Transposition of the viscera, 39, 499, *rep*.
- Pritchard, J. J.**, Some experiments on the regeneration of membrane bones, 77, 119, *P*.
 Repair of fractures of the parietal bone in rats, 80, 55-60; 80, 222-3, *P*.
 Principles of growth and repair in membrane bones, 80, 218, *P*.
 Osteogenic stimuli, 80, 225-6, *P*.
 Stimulation of new bone production, 80, 235, *P*.
 The distribution of alkaline phosphatase in the pregnant uterus of the rat, 81, 352-64
 Glycogen and alkaline phosphatase in the pregnant uterus of the rat, 81, 379-80, *P*.
 Alkaline phosphatase in the uterine epithelium of the rat, 83, 10-24
 A new histochemical method for glycogen, 83, 30-1
 Alkaline phosphatase in the uterine epithelium of the rat, 83, 71-2, *P*.
 Maturation phenomena in the osteoblast, 84, 404, *P*.
 Correlation of cell morphology and histochemistry in fracture callus, 85, 426, *P*.
 A new method for demonstrating mitochondria, 86, 10-11
 A cytological and histochemical study of bone and cartilage formation in the rat, 86, 259-77
 Uptake of radio-active calcium by fracture callus, 88, 582, *P*.
 Principles of bone repair, 93, 564, *P*.
- & **Girgis, F.**, Uptake of radioactive calcium by fracture callus, 89, 577, *P*.
- & **Harrison, T. J.**, Development and structure of the symphysis pubis, 92, 642, *P*.
- & **Huggett, A. St. G.**, Experimental foetal death in the rat: histological changes in the membranes, 81, 212-24, 80, 219, *P*.
- , **McDaniel, J. T. & Mulholland, H. C.**, The origin and significance of cartilage in bone repair, 92, 668, *P*.
- & **Menzies, A. G. H.**, Acid phosphatase in the central nervous system, 81, 404, *P*. (*dem.*)
- & **Ruzicka, A. J.**, Comparison of fracture repair in the frog, lizard and rat, 84, 236-61
 An experimental study of fracture repair in *Lacerta vivipara*, 84, 69, *P*.

Author Index

- Pritchard, J. J., Scott, J. H. & Girgis, F. G.**, The structure and development of cranial and facial sutures, 90, 73-87
see also Bowden, J.
 Bridges, J. B.
 Girgis, F.
 McClements, P. & Templeton, R. W.
 Mulholland, M. C.
 Scott, M.
- Pritchard, Urban**, On preparation of cochlea for microscopy, 7, 170, *rep.*
 On structure and function of cochlea and rods of Corti, 7, 170, *rep.*
 The development of the organ of Corti, 13, 99-103
- Privy Council**, *Tenth report of the Medical Officer of the Privy Council, with appendix*, 1868. 3, 188-9, *rev.*
- Probyn-Williams, R. J.**, Unusual malformation of the heart, 28, 305-8
- Profé**, On ontogeny and phylogeny of the mammary organ, 33, 503 (*ref. only*)
- Prompt**, On spontaneous contraction of excised frog heart, 2, 407, *rep.*
- Prowse, K.**, Accessory reproductive glands of the hedgehog, 98, 468, *P.*
- Prussak**, On Gmelin's test for bile in urine, 2, 180-1, *rep.*
- Pruzansky, S.** editor, *Congenital anomalies of the face and associated structures*, 1961. 96, 133, *rev.*
- Pryor**, on two cases of polydactylism studied by means of X-rays, 43, 124, *rep.*
- Pryor, J. W.**, Difference in the ossification of the male and female skeleton, 62, 499-506; 63, 150, *P.*
- Pudzinowitsch**, On perspiration in fever, 6, 238, *rep.*
- Puff, A.**, *Der funktionelle Bau der Herzkammern*, 1960. 94, 446-7, *rev.*
- Pullinger, B. D. & Florey, H.**, Proliferation of lymphatic vessels, 72, 176, *P. (dem.)*
- Puls, J.**, On quantitative estimation of albumin in blood-serum. 11, 555-6, *rep.*
 On the quantitative estimation of albumin in milk, 11, 568, *rep.*
- Purser**, On the effects of potassium bromide, 4, 164-5, *rep.*
- Purslow**, A case of persistence of the urogenital sinus, 38, 369, *rep.*
- Purves, L.**, On diapedesis of leucocytes, 9, 42-3, *rep.*
- Purves, P. E.**, The cetacean ear. II. The middle ear with special reference to the soft parts of the air sinuses, 92, 657, *P.*
- Purvis, G. C.**, A demonstration of some epithelial-like cells in the sclerotic of the mouse, 25, ii, *P. (SMS) (t.o.)*
 On some points in the structure of the retina of the rabbit and mouse, 25, ii, *P. (SMS) (t.o.)*
 On the use of blood serum as a medium for injection masses, 25, ii, *P. (SMS) (t.o.)*
 Demonstration on motor and peculiar sensory nerve-endings in the skate, 25, ii, *P. (SMS) (t.o.)*
 On the microscopic structure of the electric organ of the *Raia batis*, 25, iii, *P. (SMS) (t.o.)*
- Putnam, J. J.**, On physiology of the cerebral cortex, 9, 213, *rep.*
- Putzeys, F. & Tarchanoff, F.**, on temperature and vasomotor tone of paralyzed limbs, 9, 409-11, *rep.*
- Pye, Ade**, The auditory apparatus of the Heteromyidae (Rodentia, Sciuromorpha) 99, 161-74
- Pye, W.**, On the growth-rate of the bones of the lower extremities, with especial reference to ricketty curvatures, 23, 116-23
- Pye, Walter**, Observations on the development and structure of the kidney, 9, 272-9
- Pye-Smith**, On a Musculus supracostalis, 3, 196, *rep.*
 —, **Howse & Davies-Colley**, on extra sesamoid bone of hand, bifurcation of costal cartilage, ossification of stylohyoid ligament, variation of arch of atlas and additional dorsi-lumbar vertebra, 5, 375-6, *rep.*
 on variations of striped muscles, 5, 376, *rep.*
 On variations of arteries, including arch of aorta, 5, 377-8, *rep.*
 On variations of cranial nerves and communication between ulnar and median nerve in forearm, 5, 378, *rep.*
see also Bankart & Phillips
- Pye-Smith, P. H.**, On left-handedness, with transposition of viscera, 5, 380-1, *rep.*
 On retro-peritoneal hernia, 5, 382, *rep.*
Catalogue of the preparations of comparative anatomy in the museum of Guy's Hospital, 1874. 8, 384, *rev.*
 Suggestions on some points of anatomical nomenclature, 12, 154-75
- Pyle, S. I.**, *see* Hoerr, N. L. & Francis, C. C.
- Pyper, A. S. & Coupland, R. E.**, Glass knife making—a recent contribution, 99, 209-10, *P. (dem.)*
see also MacDougall, J. D. B.
- Quain's Anatomy**, 7th. edition, ed. by Sharpey, Thompson & Cleland, 1867. 1, 353, *rev.*
Elements of anatomy, ed. by Sharpey, Thomson & Schäfer, 8th ed., vol. 1. 1876. 10, 438, *rev.*; 10th ed. edited by E. A. Schäfer & G. D. Thane, 1890-92. 26, 578, *rev.*
- Quantock, D. C.**, *see* Nicol, T. & Vernon-Roberts, B.
- Quatrefages, A.**, On muscles in annelides, 4, 154, *rep.*
- Quehl**, On action of apomorphia, 8, 223-4, *rep.*
- Quenu**, *see* Haret, & Dariaux
- Quilliam, T. A.**, Remyelination in regenerating sural nerves, 88, 571, *P.*
 Some characteristics of myelinated fibre populations, 90, 172-87
 Growth changes in sensory nerve fibre aggregates undergoing remyelination, 92, 383-98
 Differences in structure of three lamellated nerve endings, 97, 299, *P.*
 Ocular maturation in a species habitually reared in darkness, 98, 685-6, *P.*
 One hundred years after Grandry, 100, 683, *P.*
- & **Armstrong, J.**, Some interesting cutaneous receptor arrays, 97, 299-300, *P.*
- & **Sato, M.**, Myelination of the axons to Pacinian corpuscles, 88, 563, *P.*
see also Pease, D. C.
- Quinke**, On the influence of carbonic acid drinks on the urinary secretion, 13, 246, *abs.*
- & **Pfeiffer**, On circulation in the lung, 6, 484, *rep.*
- Quinke, H.**, On pulse in capillaries and veins, 3, 460, *rep.*
 On circulation of cerebrospinal fluid, 7, 340, *rep.*
- Quinquand**, On variations of haemoglobin in different species, 8, 196, *rep.*
 On respiration of fishes, 8, 203, *rep.*
- Quiring, D. P.**, *Functional anatomy of the vertebrates*, 1950. 85, 303-4, *rev.*
- Rabatel**, on circulation in the coronary artery, 8, 189, *rep.*
- Rabaud, E.**, Two new conditions allied to omphalocephaly, 35, 499, *rep.*
 Regeneration and cicatrization, 35, 499, *rep.*
 Biological significance of monstrosities, 36, 297, *rep.*
 The arrest and excess of development, 36, 297, *rep.*
 Spina bifida, 36, 299, *rep.*
 On the relationship between the pathological and teratological states, 37, 298, *rep.*

Author Index

- Rabaud, E.**, On the teratological nature of malignant tumours, 37, 299, *rep.*
 On experimental determinism and the individuality of the germ, 37, 298, *rep.*
 Cyclocephaly, 37, 300, *rep.*
 A case of a sternopagus chick, 37, 303-4, *rep.*
 An instance of fission in the embryo of a chick, 37, 304, *rep.*
 Presence of an os styloideum carpi and a supracondylar hook on the humerus, 37, 311, *rep.*
 Note on os styloideum carpi ultimale, 37, 311, *rep.*
 Union of similar parts, 38, 361, *P.*
 Symelia, 38, 362, *P.*
 On paracephalus, 38, 365, *P.*
 A case of brachydactyly, 38, 371, *rep.*
 Atavism and its relation to teratological phenomena, 39, 496, *rep.*
 Anatomical stigmata and mental degeneration, 39, 496, *rep.*
 On the role of the amnion in the production of malformations, 40, 294, *rep.*
 A case of monocephalus deradelphus, cat, 40, 297, *rep.*
 Diaphragmatic hernia, 40, 299, *rep.*
 On the causes of spina bifida, 42, 133, *rep.*
 On the pathogeny of pseudencephaly and anencephaly, 42, 133, *rep.*
 On a circular depression of the cerebral cortex of the parietal lobe, 42, 136, *rep.*
 On Kaestner's theory on how omphalocephaly arises, 43, 116, *rep.*
Zoologie biologique, 1932. 66, 673, *rev.*
see also Guieyette, A.
 Klippel, M.
- Rabin, C.**, *see* Singer, C.
- Rabl**, On the histology of the ovary, 33, 354 (*ref. only*)
 On skin, 33, 682 (*ref. only*)
- Rabl-Ruckhard**, Central nervous system in alligators, 13, 268 (*t.o.*)
- Rabow**, On effect of alcohol on temperature and pulse, 8, 427, *rep.*
- Rabuteau**, On fate of bromates in body, 3, 221, *rep.*
 On potassium and sodium selenite and sodium tellurite toxic effects, 4, 165, *rep.*
 On action and elimination of sulphovinites, 5, 203-4, *rep.*
 On pharmaceutical action of chlorides of sodium, potassium, ammonium, magnesium, iron, gold and palladium, 6, 490-1, *rep.*
 On action of cyanates in body, 7, 193, *rep.*
 On an investigation of analgesic, convulsant, soporific and toxic effects of derivatives of opium, 7, 194, *rep.*
 Effects and excretion of urea, 7, 355, *rep.*
 On calcium chloride, 8, 218-19, *rep.*
 On ingestion and elimination of urea, 8, 222, *rep.*
 On elimination of urea, 8, 421, *rep.*
 On the influence of tea and coffee on excretion of urea, 9, 241, *rep.*
 On daily excretion of urine, in health, 9, 439, *rep.*
 On the gastric juice, 10, 647, *rep.*
 — & Constant, physiological effects of potassium and sodium bicarbonate, 5, 207-8, *rep.*
 — & Papillon, on physiological and anti-fermentive action of sodium silicate, 7, 359, *rep.*
 — & Peyre, on action of akazga (icaja ordeal poison of the Gaboon), 5, 393, *rep.*
see also Labbe & Guyon
- Rabuteau, A.**, on metals and metalloids, their physiological activity in relation to atomic weight and specific heat, 4, 171-2, *rep.*
- Radasch**, The literature of congenital unilateral absence of the urogenital system, 44, 103, *rep.*
- Radcliffe**, On electrical charges of nerve and muscle, 1, 164-5, *rep.*
- Radcliffe, C. B.**, The synthesis of motion, vital physical, 8, 300-20
- Radford, Marion**, Development of the spleen, 42, 288-301
 Reconstruction of the head end of an early ferret embryo, 45, 336-46
- Radziejewski**, On the occurrence of leucin and tyrosin in normal bodies, 1, 162, *rep.*
 On presence of leucin and tyrosin in healthy body, 2, 180, *rep.*
 — & Salkowski, on formation of aspartic acid during pancreatic digestion, 9, 426, *rep.*
- Radziejewski, L.**, On mechanism of action of purgatives, 5, 201, *rep.*
- Radziejewsky**, On absorption of fat, 8, 205, *rep.*
 On the suprarenal bodies, 33, 505 (*ref. only*)
- Rae, C. A.**, *see* Cleland, K. W.
 Sapsford, C. S. and Cleland, K. W.
- Raeklmann**, On susceptibility in different parts of the eye for different colours, 9, 414, *rep.*
- Raetzel, F.**, On development of *Lumbricus* and *Nephelis*, 4, 161, *rep.*; 4, 307, *rep.*
- Ragnotti**, On three cases of double monstrosity in *Rana europaea*, 42, 136, *rep.*
- Rahman, M. Amin Abdel**, A subject with complete transposition of the viscera, 51, 304-7; 51, 14, *P.* (December 1916) (*t.o.*)
- Rahon, J.**, Recherches sur les ossements humains anciens et préhistoriques en vue de la reconstitution de la taille, in *Memoires de la Soc. d'Anthropologie* de Paris, 2nd series, vol. iv, 1893. 29, 142, 144, *rev.*
- Rainer**, On a case of a small semilunar cusp in the ascending aorta, 43, 120, *rep.*
- Rainy, H.**, *see* Clarkson, R. D.
- Raisman, G., Cowan, W. M. & Powell, T. P. S.**, A study of the connexions of the amygdala in the rat, 97, 302, *P.*
see also Powell, T. P. S. & Cowan, W. M.
- Rajewsky, A.**, On occurrence of alcohol in the organism, 10, 654, *rep.*
 On absorption from the diaphragm under various conditions, 11, 200-1, *rep.*
- Ralfe, Charles Henry**, *Outlines of physiological chemistry*, 1873. 7, 318-20, *rev.*
- Ralke**, On the acid of the stomach, 9, 426, *rep.*
- Ramage, Donald**, The blood supply to the peripheral nerves of the superior extremity, 61, 198-205
- Ramón-Cajal, S.**, *see* Cajal, S. Ramón y
- Ramonat**, *see* Le Goff
- Ramond**, Situs mutatus, 38, 363, *P.*
- Ramond, F.**, *see* Vanverts, J.
- Ramsay Smith, W.**, *see* Smith, W. Ramsay
- Ramsay Wright, R.**, *see* Wright, R. Ramsay
- Ramsay, William**, *see* Coats, Joseph, Ramsay William & M'Kendrick, J. G.
- Ramsell, T. G.**, *see* Osmond, D. G., Roylance, P. J., Lee, W. R. & Yoffey, J. M.
- Rand, H. W.**, *Comparative anatomy of vertebrates: an outline of a laboratory course*, 1931. 66, 674, *rev.*
- Randacio**, On the relations of the nucleus taeniaeformis with the olfactory nerve, 16, 151-2, *anat. not.*
- Randall, J. T.**, editor *Nature and structure of collagen*, 1953. 88, 433, *rev.*
- Randall-Maciver, D.**, *see* Thomson, A.
- Randle, P. J.**, *see* Findlay, J. A., *et al.*
 Lever, J. D., Findlay, J. A., & Gill, J. R.

Author Index

- Ranke**, on the actions of chloroform, sulphuric ether [ethyl ether] and amylene, 2, 184, *rep.*
 On acidity of nerves in tetanus, 3, 470, *rep.*
 On the frontal process of the temporal bones in primates, 33, 506 (*ref. only*)
- Ranke, J.**, On the effect of a constant current on the spinal cord, 2, 188, *rep.*
Die Lebensbedingungen der Nerven nach Untersuchungen aus dem Laboratorium des Reisingerianum's in München, 1868. 3, 190-193, *rev.*
 On *in vivo* experiments with bile on blood coagulation, 6, 458, *rep.*
 On volume of bile secreted through biliary fistula, 6, 469, *rep.*
- Rankin & Mackay**, On achondroplasia, 42, 133, *rep.*
—, Lunn & Cranke, On five cases of achondroplasia, 43, 124, *rep.*
- Ranney, A. L.**, Lectures on nervous diseases from the standpoint of cerebral and spinal localisation, 1888. 24, 611, *rev.*
- Ransom**, On infantilism, 43, 116, *rep.*
Ransom, W. B., Notes of some variations of the shoulder muscles, 19, 508-9
Ransom, W. H., On the conditions of the protoplasmic movements in the eggs of osseous fishes. 1, 237-45
 On the structure and growth of the ovarian ovum in *Gasterosteus lemnus*, 2, 176, *rep.*
 On the ovum of osseous fishes, 2, 400, *rep.*
- Ransome, Arthur**, On the physiological relations of colloid substances, 1, 162, *rep.*
 Observations upon the movements of the chest, 4, 140-6
 On the organic matter of human breath in health and disease, 4, 209-17
 On the loss of solid matter during germination and early growth of plants, 5, 48-58
 On the mechanical conditions of respiratory movements in man, 7, 348, *rep.*; 8, 161, *rep.*
 On the position of the heart's impulse, in different postures of the body, 9, 137-144
 On the relative powers of fresh and previously used pepsine in the digestion of albumin, 10, 459-64
- Ranson, S. W.**, *The anatomy of the nervous system*, 9th ed. revised by S. L. Clark, 1953. 87, 432, *rev.*
see also Fisher, C.
 Potter, Peter
- Ranvier, L.**, On local action of phosphorus, 3, 221-2, *rep.*
 on the cell-elements of tendons and areolar tissue, 4, 152-3, *rep.*
 On the production of oedema, 5, 214, *rep.*
 on histology and physiology of the nerves, 7, 170, *rep.*
 On changes of nerves after section, 7, 344, *rep.*
 On degeneration of nerves after section and histology and physiology of nerves, 8, 186, *rep.*
 On red and white voluntary muscles of rabbit and ray, 8, 423-4, *rep.*
 On structure and development of tendons, 9, 190-3, *rep.*
 On the muscular spectrum, 9, 245, *rep.*
 On bone sections stained by aniline blue, 9, 388, *rep.*
 On spectroscopy of striated muscles, 9, 390, *rep.*
 On development of blood vessels, 9, 390-2, *rep.*
 On meshes of great omentum, 9, 395-6, *rep.*
 On purpurine as a histological stain, 9, 403-4, *rep.*
 On use of alcohol in histology, 9, 404, *rep.*
 On muscles of the dorsal fin of the *Hippocampus* (sea-horse) 9, 406, *rep.*
Traité technique d'histologie, 1875. 10, 435, *rev.*
— & Cornil, On histology of endocardium, 3, 455, *rep.*
- Ranzi**, on a number of thoracic defects, 43, 119, *rep.*
- Rao, V. Sitarama**, The lower limit of the spinal cord in South Indian foetuses, 83, 175
- Raoult, F. N.**, on influence of CO₂ on respiration of animals, 11, 558, *rep.*
- Raquine**, *see* Rivière
- Rash, R. M. & Thomas, M. D.**, The intrinsic innervation of the gastro-oesophageal and pyloro-duodenal junctions, 96, 389-96
- Rashad, M. N.**, Dermatoglyphic studies in a mentally defective population, 100, 699, *P.*
- , Bridges, J. B. & McLaverty, B.**, Observations on the chromosomes of human cell lines HEP¹ and HLM, 98, 686, *P.*
- & Kerr, M. G.**, A cytogenetic study of spontaneous abortion, 99, 923, *P.*
 Observations on the so-called holoacardius amorphus, 100, 928, 425, *P.*
 A human triploid embryo, 100, 928, *P.*
see also Morton, W. R. M., Bishun, N. P. & Robinson, J. S.
- Rasheed, A. A.**, *see* El-Sheikh, A. S. & Amin, S. A.
- Rasmussen, Vald.**, A contribution to our knowledge of the development of Echinococci, particularly with reference to the formation of daughter-cells, 1, 183, *abs.*
- Ratjen, E.**, On bronchus and left lung malformation, 2, 176, *rep.*
- Ratzel, Fritz**, On structure of muscle fibres, 4, 154, *rep.*
- Rau, A. Subba**, Observations on the anatomy of the heart, lungs and related parts of ceratophrys, 58, 306-27
 Observations on the anatomy of the heart of *Tilapia scincoides* and *Eunectes murinus*, 59, 60-71
 Oogenesis in the adult loris, 69, 152, *P. (t.o.)*
- Rau, R. K.**, Skull showing absence of coronal suture, 69, 109-12; 69, 140, *P. (t.o.)*
- & Sivasubrahmaniam, D.**, Defective development of the septum pellucidum, 66, 432-3, *anat. not.*
 Defective development of the septum pellucidum, 66, 432-33
 Anomalous atlanto-occiput, 67, 622-3, *anat. not.*
 Supracondylar process, 65, 392-4
- Rau, Stubba**, *see* Hill, J. P.
- Rauber, A.**, On the cohesion of bones, 9, 443, *rep.*
- Raven, C. P.**, *Oogenesis: the storage of developmental information*, 1961. 96, 410, *rev.*
see also Woerdeman, M. W.
- Rawdon**, on a case of true lateral hermaphroditism, 2, 400, *rep.*
- Rawlinson, H. E.**, The changes in the alveolar and demilune cells of the simple and the stimulated paralytic submaxillary gland of the cat, 70, 144-8
- Raymond**, *see* Bourneville
- Reagan, Franklin P.**, Demonstration of the earliest blood vessels of the mammalian embryo studied by means of the injection method, 60, 481-3, *P.*
 Certain blood vessels of the early embryos of birds and mammals, 61, 508-9, *P.*
 demonstration of early embryo blood vessels, 61, 518, *P.*
 Illustrations of the veins draining the gill regions of embryos, 72, 614, *P. (dem.)*
 Variant dorsal parietal veins described in 1891 by Professor Arthur Robinson, 72, 615, *P.*
 Thick sections of human embryos injected and cleared by special method, 74, 143, *P. (dem.)*
 Thick sections of human embryos injected and cleared by special method, 74, 143, *P. (dem.)*
 Stereoscopic views of embryos similarly treated (prepared by Professor J. A. Long, Univ. Calif.) 74, 143, *P. (dem.)*

- Reagan, Franklin, P., Embryonic and adult sinistral homologues of the vena cava superior in man, 74, 556, *P.*
- Developing vascular system, including that of a completely injected 15 mm. human embryo, 74, 559, *P. (dem. only)*
- Remnants of left truncus transversus in injected human foetus, 80, 217, *P.*
- Human foetal cardio-vascular arrangements, 80, 229, *P.*
- The later development of the right atrium in certain quadrupeds, 80, 237, *P.*
- The later morphogenesis of the quadruped heart, 81, 372, *P.*
- Demonstration of dissections of the hearts of embryonic insectivora and chiroptera, 81, 376, *P.*
- Two types of cardiovascular anomaly with comments on the so-called sinus venosus, 86, 481, *P.*
- A basis for further classification of malformations within the groups so-called cor biloculare and cor triloculare biatriatum, 88, 560, *P.*
- & Robinson, A., The later development of the inferior vena cava in man and in carnivora, 61, 482-4, *P.*
- & Tribe, Margaret, The early development of the postrenal vena cava in the rabbit, 61, 480-2, *P.*
- Reboul, J., Hirsuties with hare lip, 1 case, man, 34, 413, *rep.*
- Rebuck, J. W., Bethell, F. H. & Monto, R. W. editors, *The leukemias. Etiology, pathophysiology and treatment*, 1957. 92, 318, *rev.*
- Recklinghausen, On cause of multiple metastatic abscesses, 6, 489, *rep.*
- Reder, On the mechanical conditions in the structure of the ankle joint, 9, 444, *rep.*
- Redfern, E. R. & Strangeways, D. H., The distribution of protein-bound sulphhydryl and disulphide groups in various tissues of the vitamin A-deficient rat, 91, 391-7
- Redfern, Development and nutrition of bone and cartilage and on relations of connective tissues to each other in health and disease, 31, xxxviii, *P. (t.o.)*
- Redfern, P., Observations in the development and nutrition of bone and cartilage, and on the relations of connective tissues to each other in health and disease, 32, 96-108
- Redfern, R., The development and nutrition of bone and cartilage, and on the relations of connective tissues to each other. . . 32, ix, *P. (t.o.)*
- Reed, Adrian, F., A left superior vena cava draining the blood from a closed coronary sinus, 73, 195-7, *anat. not.*
- Rees, John E. & Graham, Norah E., The effect of backrest position on the push which can be exerted on an isometric foot-pedal, 86, 310-19
- Rees, P. M., see Spriggs, T. L. B., & Graham, J. D. P.
- Reese, on experimental investigation of antagonism between morphia and hydrocyanic acid, 5, 394-5, *rep.*
- On two alligator embryos in a single yolk, 42, 136, *rep.*
- Reeves, H. A., A circulation stage, a live-development slide and an improved drawing reflector, 11, 493-5
- Regnault, on the intercondylar foramen of the humerus, 33, 680 (*ref. only*)
- A case of a woman with two noses, 37, 306, *rep.*
- On achondroplasia, 40, 292-3, *rep.*
- Regnault, F., Alterations in femora in cases of congenital luxation, 31, 463, *rep.*
- Three cases of congenital union between the atlas and the occiput, 35, 502, *rep.*
- Achondroplasia, 36, 298, *rep.*
- A case of partial fusion between occiput and atlas, 36, 303, *rep.*
- Rehns, see Langlois
- Reich, On physiology of tears, 9, 220, *rep.*
- On the action of eserine sulphate on ciliary (accommodating) muscle, 11, 548, *rep.*
- Reich, M., On crossing of the optic nerves, 10, 204, *rep.*
- Reichardt, E., On hypoxanthin in leukaemic blood, 5, 224, *rep.*
- analysis of urine in leukaemia, 5, 226, *rep.*
- Reichenow, Deformities of hind limbs, frogs, 44, 106, *rep.*
- Reichert, On minute anatomy of the cochlea, 6, 443, *rep.*
- Reichert, C. B., On bile-duct capillaries, 1, 357, *rep.*
- On *Branchiostoma lubricum*, 5, 387, *rep.*
- On the early human embryo, with notes on the decidua, 8, 167-8, *rep.*
- On human uterus and embryo, 9, 207, *rep.*
- Reid, On Hausas, 36, 93, *A.U.A.S.*
- Reid, B. L., Some features of the transformation of columnar to squamous epithelium in the human cervix uteri, 97, 485-6, *P.A.S.A.N.Z.*
- The fate of residual sperm in the mouse uterus, 98, 492, *P.A.S.A.N.Z.*
- The uptake of labelled mouse sperm by regenerating epithelial cells of the mouse uterus, 99, 947, *P.A.S.A.N.Z.*
- The influence of the first pregnancy on the origin of physiological metaplasia on the human cervical canal, 100, 941, *P.A.S.A.N.Z.*
- Reid, Charles, Abnormal left coronary artery of ox heart communicating directly with the cavity of the left ventricle near the apex, 57, 12-17
- Reid, Douglas, G., Imperfect torsion of the intestinal loop, 42, 320-5
- A duodenal pouch, 43, 194, *anat. not.*
- A note on a large intra-abdominal pelvic colon and on the aetiology of peritoneal adhesions, 43, 308-9
- A hernia of the adipose capsule of the kidney, 43, 349-50, *anat. not.*
- A hyperplastic variation of the brachio-radialis, 44, 206, *anat. not.*
- The presence of lachrymo-jugal sutures in two human skulls, 44, 249-50
- Studies of the intestine and peritoneum in the human foetus, part I, 45, 73-84; part II, 45, 406-15; part III, 46, 400-15; part IV, 47, 255-81; part VI, 47, 486-509
- A case of multiple heart anomalies, 46, 86-88
- Notes on the folds of peritoneum connected to the appendix, and a caeco-appendicular fold, 46, 239-43
- A bicuspid aortic valve, 47, 122, *anat. not.*
- Notes on the retro-colic fossa, splenic process of peritoneum, and bloodless fold of Treves, 47, 479-85
- Three examples of a right aortic arch, 48, 174-81
- The genesis of Jackson's membrane: notes on the genito-mesenteric fold of the peritoneum and the supra-adhesion foramen, 48, 432-44
- Appendices epiploicae and pericolic membranes, 49, 274-85
- Bilateral duplication of the ureter, 51, 30-5
- On the structure of the human soleus muscle, 52, 442-448
- Reid, R. W., Deficiency of the left half of a dorsal vertebra, 21, 76-8
- The anterior belly of the digastric muscle of both sides, arising from the lower border of the horizontal ramus of the inferior maxillary bone, 21, 78

Author Index

- Reid, R. W., Three cases of malformed uterus, 21, 332-3, *anat. not.*
- The relations between the superficial origins of the spinal nerves from the spinal cord and the spinous processes of the vertebrae, 23, 341-53 (6 adults); 23, ix-x, P.
- Supra-clavicularis muscle, 23, 353 (1 specimen)
- A female subject showing cervical ribs, 24, iii, P.
- Fifth lumbar vertebra, showing persistence on both sides of a suture in the neural arch between the upper and lower articular processes, 24, iii-iv, P.
- Remarks on fifteen years of anthropometric work in the University of Aberdeen, 46, 1-10
- Motor points in relation to the surface of the body, 54, 271-5
- Calvaria of a tumbler, 24, iv, P.
- Cranio-cleido dysostosis and normal skull formation, 66, 64-5
- Reilly, T. D., The vascularization of the thyroid gland, 87, 455, P.
- Rein, G., The development of the mammary gland, 16, 300, *anat. not.*
- Reinecke, On African skeletons, 33, 685 (*ref. only*)
- Reinert, On prostate gland, 3, 455, *rep.*
- Reinhardt, J., On a cetacean (Steypireydr) found in Iceland, 3, 204, *rep.*
- On a cranial bone of *Musophagidae* (os crochu) 6, 446-7, *rep.*
- On *Pseudorca gravis*, 7, 336, *rep.*
- Reinhardt, W. O., see Pathak, V. B. & Yoffey, J. M. Yoffey, J. M. & Everett, N. B.
- Reinson, see Böcker
- Reiset, On expiration of marsh gas in calves fed on grass, 3, 229, *rep.*
- Reiss, M., Badrick, F. E. & Halkerston, J. M., The uptake of radioactive tracers by the pineal gland, 83, 81, P.
- Reissmann, C. H., see Gladstone, R. J.
- Reitman, Two cases of accessory pancreas, 38, 369, *rep.*
- Remane, A., see Oppenheim, S. & Gieseler, W.
- Remström, on embryological history of the septum auricularum, 33, 682 (*ref. only*)
- Remy, G. Saint-, see Saint-Remy, G.
- Renaut, On elastic tissues of bones, 10, 442, *rep.*
- Rendall, Stanley M., Unusual abnormality of the arteries at the base of the brain, 13, 397
- Rennie, on two cases of accessory fins in *Raia batis*, 42, 139, *rep.*
- Rennie, G. E., On an anomalous muscle in the front of the neck in a human subject, sterno-petrosopharyngeus, 20, 356-8, *anat. not.*
- Rennie, John, On the occurrence of a 'principal islet' in the pancreas of *Teleostei*, 37, 375-8
- Renton, J. Crawford, Note on a method for measuring the diameter of the retinal vessels, 13, 163
- Rényi-Vámos, F., *Das innere Lymphgefäßsystem der Organe*, 1960. 95, 144, *rev.*
- Reoch, Jas, The acidity of gastric juice, 8, 274-84
- Notes on the urine pigments, 9, 176-9
- The decomposition of urea, 9, 368-85
- On urine pigments, 9, 439, *rep.*
- The oxidation of urea, 10, 611-14
- Retsius, G., *Biologische Untersuchungen*, volumes II & III, 1891-2. 26, 577, *rev.*
- On the morphology of the fascia dentata, 33, 684 (*ref. only*)
- On the brain of the astronomer Hugo Gyldens, on the morphology of the olfactory lobe in man and mammals; on the evolution of the sulcus centralis and calcarine fissure in man; on the lateral surface of the mesencephalon and its surroundings; 33, 684 (*ref. only*)
- Biologische Untersuchungen*, 11th series, 1904. 39, 368, *rev.*
- see also Key, A.
- Retterer, on ossification of the pisiform bone in man, 33, 679 (*ref. only*)
- Révillout, on an anomalous cutaneous distribution of median nerve, 2, 412, *rep.*
- Rewell, R. E., The caecum of Hyracoidea, 83, 69-70, P.
- Rewnoow, F., on effects of baths of varying temperatures on blood-pressure, 11, 551, *rep.*
- Reyher, Carl, On the cartilages and synovial membranes of the joints, 8, 261-73
- Reymond, Du Bois, On muscles and nerves in animal electricity, 2, 417, *rep.*
- On directions for the use of the round compensator, 7, 179, *rep.*
- On the influence of extra-conduction on the current in gastrocnemius of frog, 7, 179, *rep.*
- Reynolds, On hair studied for the medico-legal expert, 33, 682 (*ref. only*)
- Reynolds, Edwards, Three cases of reappearance of ovarian peritoneal sacculation in the human female, 50, 308-15
- Reynolds, Joyce, The epidermal melanocytes of mice, 88, 45-58
- Reynolds, Russell, On mode of action of potassium bromide, 3, 221, *rep.*
- Reynolds, S. R. M. & Zweifach, B. W., editors, *The microcirculation. Factors influencing exchange of substance across capillary wall*, 1959. 94, 569, *rev.*
- Riad, Z. M., see Foster, C. L.
- Ribbert, A malformed foetus, 39, 506, *rep.*
- Richards, Aute, *Outline of comparative embryology*, 1931. 66, 673, *rev.*
- Richards, M., Congenital abnormality of the heart, 33, liii-lv, P.
- Richardson, On insusceptibility of pigeons to toxic action of opium, 3, 480-1, *rep.*
- On cause and prevention of separation of fibrin in the body, 4, 321, *rep.*
- On animal temperature, 4, 328, *rep.*
- Effect of induced current upon animal electricity, 4, 331, *rep.*
- Richardson, B. W., On the conduction in nerves, 1, 184
- On methylene bichloride as a substitute for chloroform, 2, 419, *rep.*
- On antagonism of amyl nitrite and strychnia [strychnine] 2, 425, *rep.*
- On contractivity of muscles after death, 8, 213-14, *rep.*
- Richardson, K. C., Secretory activity in the oviduct of the fowl, 69, 138, P.
- The cytology of experimental diabetes in dogs with reference to the islets of Langerhans, 73, 673, P. (*dem.*)
- The Crossman-Mallory triple stain, 73, 673, P. (*dem.*)
- The problem of contractile tissues in the mammary gland, 83, 58, P.
- The measurement of lactating mammary epithelium, 86, 472, P.
- Electron microscopic observation on the myenteric plexuses with special reference to smooth muscle innervation, 91, 608, P.
- Studies on the structure of autonomic nerves in the small intestine, correlating the silver-impregnated image in light microscopy with the permanganate-fixed ultrastructure in electronmicroscopy, 94, 457-72; 92, 641, P.

- Richardson, K. C., The fine structure of autonomic nerve endings in smooth muscle of the rat vas deferens, 96, 427-42
- & Young, F. G., Histological observations on the pancreatic islets of dogs made diabetic by injection of crude anterior pituitary extracts, 72, 611, *P.*
- see also Horning, E. S.
- Howe, A. & Birbeck, M. S. C.
- Richelot, L. G., On cutaneous innervation of digits, 10, 445-6, *rep.*
- Riches, D. J. & Palfrey, A. J., The ultrastructure of the bile duct epithelium of the rat, 100, 429-30, *P.*
- Richet, On an anomalous cutaneous distribution of median nerve, 2, 412, *rep.*
- Observations on a case of gastric fistula, 13, 244, *abs.*
- Richet, A., On recurrent sensibility of the nerves of the hand, 10, 633, *rep.*
- Richet, C., Structure of cerebral convolutions, 13, 267 (*t.o.*); comment by Turner, 13, 280
- see also Moutard-Martin
- Richmond, W. S., New abnormalities of the arteries of the upper extremity, 14, 351-2
- Fibrous body attached to the hydatid of Morgagni, 17, 537
- An account of an obturator hernia, 17, 537
- Abnormal ureters, 19, 120
- Rickards, Esther & Jones, F. Wood, On abnormal sexual characters in twin goats, 52, 265-75
- Riddoch, G., see Clark, W. E. Le Gros, Beattie, J. & Dott, N. M.
- Ridehalgh, E. & Stewart, D., The course of the incisor branch of the inferior dental nerve in rodents and some observations on the nerve supply of the pulp, 72, 416-21
- Ridewood, W. G., The air-bladder and ear of British Clupeoid fishes, 26, 26-42
- On the eyelid-muscles of the *Carchariidae* and *Scyllium*: a contribution to the morphology of the nictitating membrane of sharks, 33, 228-42; 33, 1v
- Ridlon, J., Deformities produced by constriction bands, 32, 793-4, *rep.*
- Riecker, A., On the sensation of the skin of the leg, 8, 402, *rep.*
- Rieder, H., Family history of three-phalanged pollices, 35, 505, *rep.*
- Brachydactyly and hyperphalangy, 35, 505, *rep.*
- Riegel, On circulation in inflammation, 5, 214, *rep.*
- On influence of nervous system on circulation and temperature, 6, 231-2, *rep.*
- On effect of curare on body temperature, 6, 237, *rep.*
- On tetanus [excitability of motor nerves] 9, 245, *rep.*
- & Jolly, On contraction of vessels of pia mater, 5, 401, *rep.*
- Riegel, F., On the respiratory movements, 8, 409, *rep.*
- On influence of alcohol on body temperature, 8, 427, *rep.*
- On regulation of temperature, 8, 427, *rep.*
- On regulation of temperature, superficial and deep, during peripheral cooling, 9, 247, *rep.*
- On influence of alcohol on human body temperature, 9, 247, *rep.*
- Riemschneider, E. A., see De Garis, C. F. & Black, I. H.
- Rieneck, On lamination of the germinal membrane in egg of trout, 4, 161, *rep.*
- Riesell, on effect of injection of calcium carbonate upon excretion of phosphoric acid in urine, 4, 181, *rep.*
- see also Huppert
- Rigby, A partial hernia of the cardiac end of the stomach through the oesophageal orifice of the diaphragm, 36, xxxviii-ix, *P.*
- Rigby, J. P., The structure of the uterotubal junction of the sow, 99, 416, *P.*
- Rüisager, M. & Weddell, G., Nerve terminations in the human carotid sinus, 96, 25-38
- Riley, J., *The mast cells*, 1959. 94, 144, *rev.*
- Riley, J. F., Action of a histamine-liberator, compound 48/80, on the mast cells of the rat, 99, 210-11, *P. (dem.)*
- Rinaldini, L. M., Effect of malnutrition as compared with hypophysectomy on organ weight of the albino rat, 84, 262-71
- Rindfleisch, On muscular fibres of the minute bronchial tubes and the lung parenchyma, 6, 485, *rep.*
- Rindfleisch, E., see Gerlach
- Rindowsky, D., On tubuli uriniferi, 2, 398, *rep.*
- Ring, P. A., Epiphyseal excision and transplantation in the rabbit, 87, 459, *P.*
- The relation of the nutrient artery to the growing end of the femur, 88, 574, *P.*
- The effects of partial or complete excision of the epiphyseal cartilage of the rabbit, 89, 79-91
- Excision and reimplantation of the epiphyseal cartilage of the rabbit, 89, 231-7
- Ossification and growth of the distal ulnar epiphysis of the rabbit, 89, 457-63
- The use of ³⁵S in cartilage homografts, 90, 582-3, *P.*
- see also Lee, J.
- Ringer, S., inhibitory action of belladonna on sweating, 7, 197, *rep.*
- Ringer, Sydney & Bury, J. S., The influence of salicine on the healthy body with special reference to its influence on the temperature, 11, 589-604
- & Gould, P., On jaborandi, 9, 448, *rep.*
- & Morshead, E. A., The influence on the afferent nerves of the frog's leg from the local application of the chlorides, bromides and iodides of potassium, ammonium and sodium, 12, 58-72
- On the effect of the chlorides, bromides and iodides of potassium and sodium on frogs, 12, 73-84
- & Murrell, William, On the effects of sulphate of atropia on the nervous system of frogs, 11, 321-31
- Further observations and experiments regarding the true nature of tetanus, [tetany] 11, 517-28 (*frog*)
- Concerning the action of chloride of potassium on the nervous system of frogs, 12, 54-7
- Rintoul, J. R., A comparison of staining techniques employed in the investigation of the enteric nerve plexuses, 91, 577, *P.*
- Observations on the autonomic interstitial cells in the gut wall, 91, 587-8, *P.*
- The comparative morphology of the myenteric nerve plexus, 91, 607, *P.*
- Further observations on the morphology of the myenteric plexus, 92, 651, *P.*
- The morphology of the autonomic ground plexus in the gut wall, 92, 660, *P.*
- The comparative morphology of the enteric neurons, 93, 583, *P.*
- The myenteric plexus in the stomach—an experimental study, 95, 288, *P.*
- & Kirkman, N. F., Observations on the myenteric ganglion cells in congenital pyloric stenosis, 94, 452, *P.*
- Rioch, David McK., A note on the centre médian nucleus of Luys, 65, 324-7; 66, 133, *P.*
- Rischbieth, Harold, Anomaly of the inferior vena cava: duplication of the post-renal segment, 48, 287-92
- Risley, H. H., *The tribes and castes of Bengal*, 1891. 26, 277-8, *rev.*

- Ritchie**, Dermoid cyst and embryoma of the anterior mediastinum, 39, 504-5, *rep.*
- Ritchie, J.**, Appointed to Regius Chair of Natural History, Aberdeen, 65, 401
- Ritsemá, C.**, On origin and development of *Periphyllus testudo*, 5, 196, *rep.*
- Ritson**, *see* Thompson, P.
- Ritter, G.**, On blue pigment in bile, 6, 468, *rep.*
On changes in blood, urine and general nutrition induced by oxygen, nitrous oxide, carbonic oxide, antimony and arsenic, phosphorus and bile acids, 7, 199-200, *rep.*
On biliary calculi, 7, 352, *rep.*
see also Feltz, V.
- Ritthausen**, On estimation of nitrogen in albuminous bodies by means of soda lime, 8, 410, *rep.*
- Rivera, J. A.**, *Cilia, ciliated epithelium and ciliary activity*, 1962. 97, 131, *rev.*
- Rivière & Raquine**, Two cases of imperfect ossification of the cranial vault, 44, 98, *rep.*
- Rivington, Walter**, Valves of the renal veins, 7, 163-4
- Roaf, R.**, A study of the adrenal cortex of the rabbit, 70, 126-34
- Robb-Smith, A. H. T.**, *see* Sinclair, H. M.
- Robbins, R. H.**, The human pisiform, 51, 150-2
Two specimens of arterial abnormalities, 61, 490, P. (t.o.)
Abnormal azygos pleural fold, 70, 579, *anat. not.*; 71, 146, P. (t.o.)
see also Frazer, J. E.
- Robert, S. L.**, *see* Kate, B. R.
- Roberts**, On supra-costal muscle in man, 2, 394, *rep.*
On criticism of Bastian's experiments on bacteria, 7, 358, *rep.*
A case of several multiple births in the same female, 40, 296, *rep.*
- Roberts, B. Vernon**, *see* Vernon-Roberts, B.
- Roberts, D.**, The dental comb of lemurs, 75, 236-8
- Roberts, E. Emrys**, *see* Emrys-Roberts, E.
- Roberts, F. T.**, on a case of horse-shoe kidney, 2, 398, *rep.*
- Roberts, G. B. S., & Jarrett, W. F. H.**, The histochemical identification of higher polysaccharides, 84, 407-8, P.
- Roberts, J. A. Fraser, & Greenwood, A. W.**, An extreme free-martin and a free-martin-like condition in the sheep, 63, 87-94
- Roberts, J. Gunn**, Congenital absence of ventrolateral abdominal musculature, 80, 243, P.
- Roberts, J. M.**, Multiple foetal anomalies associated with placental hydatiform degeneration, 85, 410, P.
- Roberts, K. B.**, *see* Johnson, F. R.
- Roberts, M. C.**, *see* King, A. S.
- Roberts, P. A. & Hoyte, D. A. N.**, The serial sectioning of undecalcified animal heads, 92, 650, P.
- Roberts, R. A.**, Chronic structural low-backache due to low-back structural derangement, 1947. 83, 44-5, *rev.*
- Roberts, R. E.**, *see* Jones, H. Wallace
- Robertson, Argyll**, On spinal myosis [Argyll Robertson pupil] 4, 327, *rep.*
- Robertson, D.**, on structure and habits of *Amphidotus cordatus*, 6, 448, *rep.*
- Robertson, E. M.**, *see* Hain, A. M.
- Robertson, J. D.**, A molecular theory of cell membrane structure, 93, 577, P.
Techniques and principles of chemical fixation in electron microscopy 93, 577, P.
Electron microscope techniques, 93, 578, P. (dem.)
- Robertson, Madge**, On the parathyroid duct of *Peperé* and its relation to the post-branchial body, 54, 166-9
- Robertson, R.**, A Contribution to splenic histology, 20, 509-15
- Robertson, W. F.**, New methods of imbedding fresh and hardened tissues, 24, 230-5
- Robertson, W. G.**, The development of the sympathetic nervous system in the human embryo, 59, 46-7, S.P.
see also Waterston, D.
- Robertson, W. G. Aitchison**, The salivary digestion of starch in simple and mixed diets: an experimental inquiry, 32, 615-51
- Robin**, On the electrical current in ray (*melapterurus* and *gymnotus*), 1, 165, *rep.*
On the lymphatics of the *Torpedo* and other Plagiotomous fishes, 1, 367, *abs.*
- & Cadiat, On structure of mucous membrane and glands of male and female urethra, 9, 206, *rep.*
On mucous membrane of male uterus, vas deferens and trumpet-shaped ends of Fallopian tubes, 9, 397-8, *rep.*
On structure of the lacrimal sac and its ducts, 10, 453, *rep.*
- Robin, C.**, On marrow of bones, 8, 387, *rep.*; 8, 425, *rep.*
- Robinski**, On crystalline lens, 6, 443, *rep.*; 7, 170-1, *rep.*
- Robinson**, *see* Young
- Robinson, A.**, On the position and peritoneal relations of the mammalian ovary, 21, 169-79
Observations on the earlier stages in the development of the lungs of rats and mice, 23, 224-41
The nutritive importance of the yolk sac, 26, 308-23
Demonstrations of abnormal stomachs, 33, xxvi-vii, P.
A case of diaphragmatic hernia, 34, xix-xxx, P., May 1900
The position of the pyloric orifice of the stomach, 34, xxx, P., May 1900
The positions of the pulmonary, aortic, mitral and tricuspid orifices of the heart, 34, xxxi, P., May 1900
The relation of the tonsil to the facial and external carotid arteries, 34, xxxi-ii, P., May 1900
On the formation and structure of the optic nerve, and its relation to the optic stalk, 30, 319-33
The early stages of the development of the pericardium, 37, 1-17
On the development of the lower ends of the Wolffian ducts and ureters and the adjacent parts of the cloaca, 37, lxiii-lxv, P.
A note on the development of the base of the cranium, 37, lxxiv-lxxvii, P.
A series of microscopical sections illustrating the development of the vitreous body, 37, lxxvii, P. (t.o.)
Lectures on the early stages in the development of mammalian ova and on the formation of the placenta in different groups of mammals, Hunterian, Lecture I, 38, 186-204; Hunterian, Lecture II, 38, 325-40; Hunterian, Lecture III, 38, 485-502
Lipoids in mammalian ova and their zygotes, 59, 109-11, S.P.
editor, Cunningham's Textbook of anatomy, 4th ed. 1913. 57, 390, *rev.*
editor, Cunningham's Manual of practical anatomy, 8th ed., 3 vols, 1927. 62, 244, *rev.*
editor, Cunningham's Textbook of anatomy, 6th ed. 1931. 66, 277-8, *rev.*
- & Jamieson, E. B., *Surface anatomy*, 1928. 63, 499, *rev.*
see also Mackenzie, F. S.
Reagan, F. P.
Young, Alfred H.

Author Index

- Robinson, B., Studies in the peritoneum: its arrangement in animals, 30, 349-61
The morphology of the mesenterial development of the vertebrate digestive tract, 33, 434-70
- Robinson, Frances B., Histochemical changes produced in the adrenal cortex of the male adult rats by the action of anaesthetic drugs, 85, 423, P.
— & Yoffey, J. M., Histochemical changes produced by cold and adrenaline in the suprarenal cortex of the adult male rat, 84, 32-7; 83, 81, P.
- Robinson, J. F., The essentials of Romanowsky staining processes, 72, 618, P.; 72, 626, P. (dem.)
- Robinson, J. S., see Morton, W. R. M., Bishun, N. P. & Rashad, N. M.
- Robinson, Judith A., see McKenzie, J. & Kosterlitz, H. W.
- Robinson, L., On a possible obsolete function of the axillary and pubic hair tufts in man, 26, 254-7
- Robinson, L. R., An unusual human anterior cerebral artery, 93, 131-3
Further observations on long ascending tracts in the reptilian spinal cord, 95, 451, P.
Encephalospinal fibres in *Lacerta viridis*, 97, 490, P.A.S.A.N.Z.
The cerebral hemisphere and its cell masses in *Leiolopisma grande*, 100, 942, P.A.S.A.N.Z.
see also Goldby, F.
- Robinson, P. M., Fine structure of the autonomic innervation of the smooth muscle of the toad lung, 99, 948-9, P.A.S.A.N.Z.
- Robson, F. C. & Scothorne, R. J., Unilateral renal agenesis with associated unicornuate uterus in a cat, 95, 620, P.
- Robson, H. E., Foregut diverticulum with spina bifida and diasternatomyelia, 92, 652, P.
The blood supply of the ferret's pituitary gland, 93, 582, P.
- Roche, A. F., The sites of elongation of human metacarpals and metatarsals, 99, 948, P.A.S.A.N.Z.
Stature in mongoloids, 100, 948, P.A.S.A.N.Z.
- Rochefontaine, On influence of carbonic oxide on duration of muscular contractility, 10, 651, rep.
On visceral effects of Faradic stimulation of cerebral cortex, 11, 186-7, rep.
On movements produced by mechanical stimulation of cranial dura mater, 11, 542, rep.
see also Lepine & Tridon
- Rocher, On a case of torsion of the penis, 43, 122, rep.
A case of gynaecomastia, 44, 100, rep.
- Rodová, H., Observations on the initial stages of ossification *in vitro*, 82, 175-82
- Rodrigues, Alvaro, Communicating branches between the cervical sympathetic and descendens cervicalis, 64, 308-18
- Roeber, Action of picrotoxin, 4, 165-6, rep.
On effect of curara on electromotor activity of muscle and nerve, 4, 169, rep.
On tetanus and electromotor power of muscle, 5, 405, rep.
- Roeber, Hermann, On action of extracts of calabar bean on heart and spinal cord, 3, 475-6, rep.
- Roeber, see Aubert & Roeber
- Rofik, see Emin
- Rogalski, T., The visual paths in a case of unilateral anophthalmia with special reference to the problem of crossed and uncrossed visual fibres, 80, 153-9
Crossed and uncrossed optic fibres in microphthalmia, 80, 215-16, P.
— & Rymaszewski, O., Crossed and uncrossed optic fibres of the dog, 80, 228, P.
- Roger, A case of hermaphroditism, 37, 301, rep.
- Rogers, A. F., see Batten, E. H., Halley, G., Gall, W. J., Harris, R. S. & Yoffey, J. M.
Field, E. J. & Grayson, J.
- Rogers, A. W., Incorporation of tritiated thymidine by epithelial cells of duodenum and seminal vesicle, 94, 293, P.
The 'lymphocytes' of the intestinal epithelium, 98, 465, P.
see also Berry, M.
Berry, M. & Eayrs, J. T.
Darlington, D.
- Rogers, D. C., The development of the rat carotid body, 99, 89-101
- Rogers, G. E., Some electron microscope observations on the ultra-thin sections of hairs and hair follicles, 90, 569, P.
see also Millen, J. W.
- Rogers, J. F., Gastro-intestinal movements (film) 65, 164, P. (t.o.)
- Rogers, Lambert, The thyroid arteries considered in relation to their surgical importance, 64, 50-61
Some observations on the circle of Willis, 81, 372-3, P.
— & West, C. M., The foramen of Magendie, 65, 457-67; 66, 132, P.
- Rogers, L. C. & Payne, E. E., The dura mater at the cranio-vertebral junction, 95, 586-8
- Rohan, On the position of the transverse colon, 33, 354 (ref. only)
- Rohan, R. F. & Turner, L., The levator palati muscle, 90, 153-4; 88, 584, P.
- Rohen, J. W., *Handbuch des mikroskopischen Anatomie des Menschen*, 111/4, *Das Auge und seine Hilfsorgane*, 1965. 100, 203, rev.
- Röhlmann, E., On Daltonism and Young's colour theory, and on colour sensation, 11, 548, rep.
- Rohon, J. V., Central nervous system of *Selachia*, 13, 267 (t.o.); comment by Turner, 13, 287
- Rohr, K., *Das menschliche Knochenmark, seine Anatomie, Physiologie und Pathologie nach Ergebnissen der intravitalen Markpunktion*, 2nd ed. 1949. 85, 298-99, rev.
- Rohrer, A note on the relation between the formation of the auricle of anthropoid apes and certain congenital malformation of the human auricle, 37, 306, rep.
- Rohrig, On cutaneous absorption, 7, 188, rep.
on cutaneous respiration, 7, 188, rep.
On secretion of bile, 8, 209, rep.
- & Zuntz, On regulation of body temperature, 6, 237, rep.
- Röhrig, A., On pyrogenic effects of intravenous injection of human sweat into rabbit, 8, 428-9, rep.
On composition and fate of fat introduced into blood stream, 10, 643-4, rep.
On physiology of the skin, 11, 567-8, rep.
On the physiology of the secretion of milk, 11, 568, rep.
- Rokitansky, On 'malformation of the cardiac septa': a treatise on their pathological anatomy (trans. by J. Priestley), 10, 780-5
- Rokitansky, P., On location of the respiratory centre, 9, 217-18, rep.
On effect of chloral hydrate on the excitability of the nervous system, 10, 203-4, rep.
- Rolando, A case of bilateral inguinal cryptorchidism, 38, 370, rep.
- Rolleston, George, On the domestic cats, *Felis Domestica* and *Mustela Foina*, of ancient and modern times, 2, 47-61
On nucleated erythrocytes of *Cholaeus didactylus* and elephant, 2, 168, rep.

Author Index

- Rolleston, George**, On the cat of the ancient Greeks, 2, 437-8
 On the various forms of the so-called 'celtic' cranium, 3, 252-5
 On homologies of muscles around shoulder joint, 3, 457-8, *rep.*
 On trophic nerves, 5, 210, *rep.*
Forms of animal life, 1870. 4, 290-3, *rev.*
 On the development of the enamel of teeth in the elephant calf, 6, 443, *rep.*
The Harveian oration, 1873. (the anatomy and physiology of circulatory organs) 8, 158, *rev.*
 On moderator band in the heart of Cassowary, 8, 173-4, *rep.*
 The blood-corpuscles of the annelides, 12, 401-18
 On the organs of Bojanus, skulls of hare and rabbit, and vena cava superior of rodents, 13, 115
 Note on the preservation of encephala by the zinc chloride, 13, 232-3
see also Greenwell, W.
- Rolleston, H. D.**, Some abnormalities of the muscles of the upper limb, 21, 328-30
 Abnormal vascular supply to the liver, 24, 132-3
 Four cusps of pulmonary valve, 25, xvii, *P.*
 Note on the anatomy of the suprarenal bodies, 26, 548-53; 26, xxi, *P.*
 On livers with anomalies in their lobulation, 27, xxxi-iii, *P.*
 On two specimens of duodenal pouches, 28, vi, xii-xiii, *P.*
 Band in the left auricle of the heart, 30, v, *P.*
 Heart showing moderator band in left ventricle, 1 specimen, 31, xxi-xxii
 Anomaly of anterior left papillary muscle, 31, xxii, *P.*
 Aberrant attachment of chordae tendineae on left ventricle, 31, xxii-xxiii, *P.*
 Abnormal relation of the vermiform appendix to the plica vascularis, leading to appendicitis, 32, 64-6
 — & Fenton, W. J., Two anomalous forms of duodenal pouches, 35, 110-13
see also Bennett, W. H.
 Lockwood, C. B.
- Rollet, A.**, On excitability of flexors and extensors, 10, 219, *rep.*
- Rollet, Alexander**, Summary of a paper entitled 'On the variations in the character of the contractions of striated muscle with periodic stimulation of some duration, and on recovery of the muscle' (reported by D. F. Harris) 31, 306-8
- Rollett**, On the effect of iron filings on whipped arterial blood, 1, 160 *rep.*
 On contractility of corpuscles and spaces of cornea, 5, 406, *rep.*
 On formation of pepsin, 6, 460, *rep.*
- Rollett, Alexander**, editor, *Untersuchungen aus dem Institute für Physiologie und Histologie in Graz*, 1870. 4, 294, *rev.*
- Rolston, J. R.**, *see* Collins, T.
- Romanes, G. J.**, Observations on the galvanic excitation of nerve and muscle, with special reference to the modification of the excitability of motor nerves produced by injury, 10, 707-34
 The spinal accessory nerve in the sheep, 74, 336-47
 The cell columns of the spinal cord, 74, 559, *P. (dem. only)*
 Cell columns in the spinal cord of a human foetus of fourteen weeks, 75, 145-52
 The development and significance of the cell columns in the ventral horn of the cervical and upper thoracic spinal cord of the rabbit, 76, 112-30
 The spinal cord of a case of ectopia vesicae with amputation of one hind limb, 76, 227, *P. (disc. only)*
 Comparative anatomy of motor cell groupings in cervical spinal cord. Spinal accessory nuclei in certain mammals, 76, 229, *P.*
 The spinal cord in a case of congenital absence of the right limb below the knee, 77, 1-5
 Some features of the spinal nervous system of the foetal whale (*Megaptera nodosa*) 79, 145-56
 Motor localisation and the effects of nerve injury on the ventral horn cells of the spinal cord, 80, 117-31
 A new silver method for staining paraffin section of the nervous system, 80, 205-6
 Chromatolysis in developing nerve cells, 80, 238, *P.*
 The prenatal medullation of the sheep nervous system, 81, 64-81
 Notes on the spinal cord in acephalic sheep foetuses, 81, 391-2, *P.*
 Simple device for differential counting of nerve-fibres, leucocytes etc., 81, 403 *P. (dem.)*
 Brain showing absence of corpus callosum, 81, 403, *P. (dem.)*
 The staining of nerve fibres in paraffin sections with silver, 84, 104-15
 Medullation of the optic nerve in the mouse, 84, 79, *P.*
 Motor localization of the cat's spinal cord, 85, 417, *P.*
 The motor cell groups of the spinal cord in vertebrates, 86, 496, *P.*
 The distribution of taste buds on the human epiglottis, 87, 464, *P.*
editor, Cunningham's Textbook of Anatomy 10th ed. 1964. 99 400-1, *rev.*
- Romanovsky & Winiwarter**, Ectopia testis, 40, 300, *rep.*
- Romer, A. S.**, *The vertebrate body*, 1949. 84, 399, *rev.*
- Romiti**, on the processus marginalis, 33, 500 (*ref. only*)
- Romiti, W.**, on structure and development of ovary and Wolffian duct, 8, 393, *rep.*
- Rond**, on an anomaly of the duodenum and transverse colon, 33, 504 (*ref. only*)
 on an anomaly of the duodenum, 33, 683 (*ref. only*)
- Rood, Ogden N.**, On time required for vision, 6, 224, *rep.*
- Rosanow**, Two abnormalities connected with the breast, 39, 505, *rep.*
- Rose, I.**, Tribes of East Equatorial Africa, 36, 93, *A.U.A.A.S.*
- Rose, J.**, The cell structure of the mamillary body in the mammals and in man, 74, 91-115
see Kruger, L. & Malis, L. I.
- Rose, J. E.**, *see* Kruger, L. & Malis, L. I.
- Rosenbach**, On the physiology of the vagus, 11, 557, *rep.*
 On a case of *foetus in foetu*, 43, 117, *rep.*
- Rosenberg**, On a primitive form of vertebral column in man, 33, 679 (*ref. only*)
- Rosenberg, Alex**, On development of the skeleton of limbs, 7, 334, *rep.*
- Rosenberg, E.**, On the development of the vertebral column, 10, 440, *rep.*
 On development of os central carpi, 10, 440, *rep.*
- Rosenfeld**, on the comparative anatomy of the tibialis posticus muscle, 33, 501 (*ref. only*); on the shoulder ligaments of men and some mammals, 33, 501 (*ref. only*).
- Rosenhaupt**, A case of abdomino-pelvic fissure, 40, 299, *rep.*
- Rosenstein**, On kidneys in formation of urea, 6, 244-5, *rep.*
 On a case of recurrence of ovarian dermoid after removal, 43, 123, *rep.*

Author Index

- Rosenstirn, On the local action of so-called astringents on the blood-vessels, **11**, 573-4.
- Rosenthal, On force produced by frog's muscle, **3**, 217, *rep.*
On effect of removal of cerebrum on movement, **4**, 182-4, *rep.*
Effects of oxygen lack and carbon dioxide accumulation on respiratory movements, **5**, 403, *rep.*
On temperature in cardiac ventricles, **6**, 482, *rep.*
On electrical excitability in muscles after death, **7**, 191, *rep.*
On time required for spinal reflex, **8**, 182, *rep.*
- Rosenthal, J., On regulation of temperature in warm-blooded animals, **7**, 357, *rep.*
On investigation of reflex action, **11**, 543, *rep.*
- Rosenthal, O., on changes in cartilage before ossification **10**, 653, *rep.*
- Roser's *Manual of surgical anatomy*, trans. by Galton, 4th German ed. 1873. **7**, 166, *rev.*
- Rosow, B. & Snellen, H., Growing together of non-corresponding nerve-fibres, after intracranial division of the fifth pair, **1**, 364-6, *abs.*
- Ross Smith, N., *see* Smith, N. R.
- Ross, On effects of alcohol, **8**, 220, *rep.*
- Ross, J., On oedematous acardiac monster, **26**, 432, *rep.*
- Ross, J. A., Injected placenta of uniovular (?) female triplets, showing arterial anastomosis, **81**, 403-4, *P. (dem.)*
see also Bruce, J. & Walmsley, R.
- Ross, Janet S. & Wilson, Kathleen J. W., *Foundations of anatomy and physiology*, 1963. **97**, 611, *rev.*
- Ross, J. Graham, On the presence of centripetal fibres in the superior mesenteric nerves of the rabbit, **92**, 189-97.
- Ross, L. L., *see* Cauna, N.
- Rossatti, B., Further observations on the blood supply of the rabbit's ear, **88**, 577, *P.*
Observations on the blood supply of the rabbit's ear and on the experimental new-formation of arterio-venous anastomoses, **90**, 318-28
see also D'Agostini, N.
- Roszbach, on influence of artificial respiration in strychnia poisoning, **8**, 203-4, *rep.*
— & Fröhlich, on action of atropin and physostigma on the pupil and heart, **8**, 403, *rep.*
- Roszbach, J., On action of a preparation of ergot on heart, **9**, 221, *rep.*
on physiological action of colchicin(e) **11**, 574-5, *rep.*
- Roszbach, M. J., On action of the alkaloids, **9**, 248, *rep.*
On cardiac rhythm, **10**, 635-6, *rep.*
- Rossi, A case of uterus bicornis unicollis, **44**, 103, *rep.*
- Rossi, G. F. & Brodal, A., Corticofugal fibres to the brain-stem reticular formation. An experimental study in the cat, **90**, 42-62.
- Rossiter, R. J., *see* Logan, J. E. & Barr, M. L.
- Roston, J. B. & Haines, R. Wheeler, Cracking [audible] in the metacarpo-phalangeal joint, **81**, 165-73; **80**, 241-2, *P.*
- Roth, On perivascular spaces and supporting spaces of cerebrum, **4**, 159, *rep.*
On diverticula of the duodenum, **7**, 332, *rep.*
on varicose structure of nerve fibres of the brain, **8**, 173, *rep.*
- Rott, T., On the origin of oedema, [experimental production] **9**, 227, *rep.*
- Rouget, On systemic effects of various salts of silver on various animals, **8**, 217-18, *rep.*
- Rouget, C., On tactile corpuscles, **3**, 451-2, *rep.*
On the migrations and metamorphoses of the leucocytes, **10**, 208-9, *rep.*
- Roughton, E. W., Demonstration of sternalis muscle (2 cases) **24**, xiv, *P.*
- Rounce, J. R., *see* Gent, W. L. G. & Williams, P. L.
- Round, H. M., Action of the palate and superior constrictors, **68**, 145, *P. (t.o.)*
- Rounsfall Brown, Katharine, *see* Brown, K. R.
- Rousseau, on the innervation of the palatine vault, Thesis, Paris, 1898. **33**, 685 (*t.o.*)
- Rouvière, H., *Anatomie des lymphatiques*, 1932. **67**, 189-90, *rev.*
Anatomy of the human lymphatic system, translated by M. J. Tobias, 1938. **73**, 675, *rev.*
- Rowbotham, G. W., Pain pathways of the face and head, **81**, 377-8, *P.*
- Rowland, Sydney D., Some variations in the foramen ovale in the heart of the sheep, **28**, 309-12.
- Rowlands, I. W., *see* Deanesly, Ruth
Harrison, R. J., Whitting, H. W. & Young, B. A.
- Rowson, L. E. A. & Moor, R. M., Development of the sheep conceptus during the first fourteen days, **100**, 777.
- Roy, C. S., On a new instrument for recording the movements of the frog's heart, **13**, 124-5, *abs.*
The splenic systole, **16**, 490-1.
- Roy, P., *see* Launois, P. E.
- Royal Army Medical College, museum specimens (Leishman) **43**, vi, *P. (March 1908) (t.o.)*
- Royal College of Surgeons of England, Museum, exhibition of specimens from (Keith) **44**, i, *P. (t.o.)*
see also Flower, W. H.
Lowne, B. Thompson
- Royal Society, Request to Anatomical Society for referees for papers of, **37**, lxviii, *P.*
- Royle, P. J., *see* Fabrikant, J. I.
Osmond, D. G. & Yoffey, J. M.
Osmond, D. G., Lee, W. R., Ramsell, T. G. & Yoffey, J. M.
- Ruban-Elisselewa, On a case of janiceps, craniorhachischisis and anencephalus, **42**, 136, *rep.*
- Rubino, The arterial supply of the cerebral cortex, **68**, 128, *P. (t.o.)*
- Ruch, T. C., *Bibliographia primatologica. A classified bibliography of primates other than man*, Part I, 1941. **76**, 410, *rev.*
see also Chang, Hsiang-Tung
- Ruckensteiner, E., *Die normale Entwicklung des Knochensystems im Röntgenbild*, 1931. **66**, 129, *rev.*
- Rückhard, R., On goblet-cells and ciliated epithelium, **3**, 202, *rep.*
- Rudall, K. M., *see* Durward, A.
- Rudanowski, P., On structure of nerve fibres, **5**, 378, *rep.*
- Rudd, On malformed head of a calf, **43**, 119, *rep.*
- Rüdinger, On closure of the Eustachian tube and perception of high-pitched notes, **8**, 187, *rep.*
- Rüdinger, N., *Atlas der Gehörorgane*, part I, 1866. **1**, 145, *rev.*
On the thoracic portion of the sympathetic chain in connection with intercostal nerves, **2**, 168, *rep.*
On the anatomy of the Eustachian tube, **2**, 400, *rep.*
Die Anatomie der Menschlichen Gehirn-Nerven, 1868. **3**, 193, *rev.*
- Rudnik, Dorothea, editor, *Embryonic nutrition*, 1958. **94**, 279, *rev.*
Cytodifferentiation, 1958. **94**, 279, *rev.*
- Rudolf, G. de M., Correlation between habit and the architecture of the mammalian femur, **56**, 137-46.
- Rudolf, R. D., A case of cor biloculare, **34**, xvii-xx, *P.*, February 1900.
- Rudolph, Alice F., *see* Adey, W. R., Hine, I. F. & Harritt, Nancy J.

Author Index

- Rudzki, On the synthesis of albumenoids, **11**, 559, *rep.*
- Ruffer, Sir Marc Armand, *Studies in the palaeopathology of Egypt* edited by R. L. Moodie, 1921. 56, 160, *rev.*
- Ruffini, A., Bony eminence of mastoid process of temporal bone, **34**, 417, *rep.*
- Ruggeri, Giuffrida, on the weight of the brain in relation to cranial form and metopism, **33**, 685 (*ref. only*)
- Rühe, E., Janiceps, **30**, 456, *rep.*
- Rumbold, On functions of the Eustachian tube, **8**, 187, *rep.*
- Runeberg, On albuminuria, **13**, 249-50, *abs.*
- Runge, On electrical contributions, **9**, 218, *rep.*
- Rupstein, F., On the appearance of acetone in urine in diabetes mellitus, **9**, 439, *rep.*
- Rusnyák, L., Földi, M. & Szabó, G., *Lymphatics and lymph circulation*, 1960. 95, 279, *rev.*
- Russ, S., *see* Colwell, H. A.
- Russel, J. Cunningham, Note on a peculiar shaped kidney **19**, 229, *anat. not.*
- Russell Goddard, T. *see* Goddard, T. Russell
- Russell, Audrey E. & Zuckerman, S., A 'sexual skin' in a marmoset, **69**, 356-62
see also Harris, H. A.
- Russell, B. R. G., Orkney antiquities, **36**, 422-3, *A.U.A.S.*
- Russell, Dorothy S., *see* Canti, R. G. & Bland, J. O. W.
- Russell, Frank, *Studies in cranial variation*, 1900. 35, 275-6, *rev.*
- Russell, J. A., Two cases of persistent communication between the umbilical and portal veins in the human subject, **8**, 149-50
Note on an unusually large calculus, **8**, 382
- Russell, K. F., The presence of a fronto-palatine articulation in aboriginal Australian skulls, **74**, 129-30, *anat. not.*
British anatomy: 1525-1800. A bibliography, 1964. 98, 459, *rev.*
- & Sunderland, S., Abnormalities of the lumbrical muscles of the hand, **72**, 306-7, *anat. not.*
- Russell, P. M., *see* Thomas, D. Brynmor & Yoffey, J. M.
Yoffey, J. M. & Thomas, D. Brynmor
- Russell, W. Ritchie, *see* Clark, W. E. Le Gros
- Rustizky On resorption of bone by giant cells, **8**, 425, *rep.*
- Rustizky, J. von, On absorption of bone, **8**, 387, *rep.*
- Rutenberg, D. C., On the cooling of the body from the rectum, **11**, 570, *rep.*
- Rutherford Dow, D., *see* Dow, D. Rutherford
- Rutherford, Congenital obstruction in the prostatic urethra, **69**, 137, *P. (disc. only)*
- Rutherford, A. H., The frenula valvulae coli, **60**, 411-15
- Rutherford, N. C., Note upon an anomalous form of parotid gland, **45**, 442-3, *anat. not.*
A contribution to the embryology of the fore-limb skeleton, **48**, 355-77
- Rutherford, R., A case of undescended testicle associated with uterus and Fallopian tube, **64**, 121-3, *P.*
- Rutherford, William, Reports on the progress of physiology, **1**, 154-167, 358-62; (with Arthur Gamgee and Thomas R. Fraser) **2**, 177-193, (alone) 407-18; **3**, 207-20, 460-4; **4**, 182-91, 319-31; **6**, 450-71; **7**, 339-359
Electrotonus, a physiological demonstration, **2**, 87-103
Influence of the vagus upon the vascular system, **3**, 402-416
On some improvements in the mode of making sections of tissues for microscopic observations, **5**, 324-8
- On the relative excitability of different parts of the trunk of a spinal nerve, **5**, 329-38
A new schema of the circulation, **6**, 249-52
Cause of the retardation which follows artificial or voluntary closure of the nostrils in the rabbit, a reply to certain criticisms, **7**, 283-99
On the freezing microtome, **10**, 178-185
Note on the action of the internal intercostal muscles, **10**, 608-10
A new theory of hearing **21**, 166-8, *phys. not.*
The tercentenary of the compound microscope (Presidential address) **25**, iv-xxi, *P. (SMS)*
On the structure and contraction of striped muscle fibre, **25**, ii, *P. (SMS) (i.o.)*
On the structure and contraction of striped muscular fibre, **31**, 309-342
A Swedenborg mystery: the rival skulls, **48**, 86-8
see also Berry, G. A.
- & Vignal, M., On secretion of bile after administration of purgatives, 1st series, **10**, 215-17, *rep.*
Experiments on the biliary secretion of the dog, **10**, 253-96
Experiments on the biliary secretion of the dog, 2nd series, **11**, 61-86; **11**, 623-62
- Rutherford, Henry, Bifurcate clavicle, **55**, 286-7
- Rutherford, W. J., Notes on a case of feather-bifurcation, **37**, 368-74
- Ruzicka, A. J., *see* Pritchard, J. J.
- Rydgier, L., Syndactyly and ectromelia, **27**, 423, *rep.*
- Rymaszewski, O., *see* Rogalski, T.
- Saalfeld, On the glandulae Tysoni, **33**, 505 (*ref. only*)
- Sabatier, A., on the transformation of the aortic arches in vertebrates, **8**, 388, *rep.*
- Sabin, Florence R., On the anatomical relation of the nuclei of reception of the cochlear and vestibular nerves, **33**, 506 (*ref. only*)
- Sachs, C., On structure of striped muscle fibre, **7**, 329, *rep.*
- Sachs, I., on epithelial and gland cells, **2**, 174, *rep.*
- Sadler, W., On circulation in muscles, **5**, 212-13, *rep.*
- Saha, A. K., *Theory of shoulder mechanism. Descriptive and applied*, 1961. 96, 412, *rev.*
- Sahasrabudhe, N. S., *Introduction to anatomy*, 1929. 65, 281, *rev.*
- Saillant, *see* Maygrier
- Saint-Ange, M., On phocomelia, **26**, 431, *rep.*
- St Clair Symmers, W., *see* Symmers, W. St. Clair
- Saint-Remy, G., Monster chick embryo, **32**, 787, *rep.*
- Saison, F. A., An action of potassium bromide, **3**, 471-3, *rep.*
- Sajous, C. E., ed., *Annual of the universal medical sciences; a yearly report of the progress of the general sanitary sciences throughout the world*, 1890. 25, 294, *rev.*; 1981. 26, 276, *rev.*; 1982. 27, 564, *rev.*; 1895. 30, 315, *rev.*
- Sala, L., On the minute anatomy of the pes hippocampi, **25**, 578-81, *abs.*
- Salaman, R. N., Volvulus affecting that tract of the small bowel developed from the anterior segment of the primitive intestinal loop, **37**, ii, *P.*
- Salamander, Effect of temperature and absence of light on ova, **32**, 782, *rep.*
- Salbey, R., On structure and growth of scales of fish, **3**, 459, *rep.*
- Salkowski, On the estimation of urica and alkaline chlorides in urine containing potassium iodide, **7**, 355, *rep.*
On estimation of potassium in urine, **7**, 355, *rep.*
on the composition of muscular substance of the heart, **7**, 357, *rep.*

Author Index

- Salkowski, on reaction of cholesterine with sulphuric acid, 7, 359, *rep.*
 On the action of heat on pancreas ferment, 13, 244-5, *rep.*
 On the formation of urea in the animal body, and the influence of salts of ammonia on the same, 13, 246-7, *rep.*
 — & Monk, On the relation which the reaction of urine bears to the amount of salts of ammonia which it contains, 13, 247-8, *rep.*
see also Radziejewski
 Salkowski, E., On the ciliospinal centre, 2, 188, *rep.*
 on withdrawal of alkali from the living body, 8, 410, *rep.*
 on (1) the origin of sulphuric acid and the condition of taurin in the animal organism, and (2) synthesis of taurocarbammin acid, 8, 410, *rep.*
 On the formation of allantoin from uric acid in the organism, 11, 566, *rep.*
 On the origin of indican in urine of carnivora, 11, 566, *rep.*
 Salkowsky, On identity of haematoidin and bilirubin, 4, 178-9, *rep.*
 On analysis of urine in leukaemia, 5, 226, *rep.*
 Salmon, On phocomelus, 42, 133, *rep.*
 On a calf with brachymelia, and two papers on ectromelia, 43, 124, *rep.*
 On a case of a cat with hemimelia, 43, 125, *rep.*
 On brachymelia and ectomelia, 44, 107, *rep.*
see also Anthony
 Salomon, On formation of glycogen in the liver, quantity of and in newly-born children, 9, 438-9, *rep.*
 Salomon, G., On glycogen formation in liver, 8, 419-20, *rep.*
 Salomon, J. K. A. W., A case of supernumerary pollex, 36, 305, *rep.*
 Salsbury, C. R., The interosseous muscles of the hand, 71, 395-403
 The morphology of the saphenous opening, 73, 186-91
 Salter, Nancy & Darcus, H. D., The effect of the degree of elbow flexion on the maximum torques developed in pronation and supination of the right hand, 86, 197-202
 The aptitude of forearm and humeral rotation, 87, 407-18
see also Darcus, H. D.
 Salvi, On the arteria dorsalis pedis, 33, 504 (*ref. only*)
 Samarasinghe, D. D., An electron microscopic study of the arteries to the brain of the rat with special reference to the accompanying nerve fibres, 97, 311, *P.*
 The innervation of the cerebral arteries in the rat: an electron microscope study, 99, 815-828; 98, 287, *P.*
 Samuel, D. M., The early development of the golden hamster, 76, 228, *P.*
 Living ovum of the golden hamster, demonstration, 76, 229, *P.*
 The use of agar gel in the sectioning of mammalian eggs, 78, 173-5
 The use of agar gel in the sectioning of mammalian ova, 80, 224, *P.*
 — & Hamilton, W. J., Living eggs of the golden hamster (*Cricetus auratus*) 76, 204-8
see also Hamilton, W. J.
 Hamilton, W. J. & Boyd, J. D.
 Samuel, E. P., The innervation of the articular capsule of the knee joint, 83, 80-1, *P.*
 A histological and sensory investigation to determine the role of the articular capsule in joint sensation, 84, 77, *P.*
 The autonomic and somatic innervation of the feline articular capsule, 84, 408-9, *P.*
 Chromidial studies on the superior cervical ganglion of the rabbit, 86, 473, *P.*
 An investigation of the factors controlling silver staining, 86, 493, *P.*
 Impregnation and development in silver staining, 87, 268-77
 The mechanism of silver staining, 87, 278-87
see also Mitchell, G. A. G. & Warwick, R.
 Samuel, S., On the origin of body temperature in health and fever, 11, 570, *rep.*
 Samuelsohn, On subjective sounds, 4, 326, *rep.*
 Samuelsohn, On innervation of ocular movements, 7, 344, *rep.*
 Sander, J., On commissures in brain of marsupials, 3, 458, *rep.*
 Sanders Ezn, H. *see Ezn, H. Sanders*
 Sanders, on a case of aphasia, 1, 157, *rep.*
 Sanders, A. G., Microcirculation in grafts of normal and malignant tissue, 97, 631-2, *P.*
 Sanders, Alfred, On myology of *Liolepis belli*, 7, 338, *rep.*
 On myology of *Phrynosoma coronatum*, 9, 406, *rep.*
 Sanders, F. K. & Young, J. Z., The degeneration and re-innervation of grafted nerves, 76, 143-66
 Sanders, G., Case of congenital malformation of the heart; with transposition of the aorta and pulmonary artery, 27, 464-73
 Sanders, K., The fate of nerve homografts in the rabbit, 83, 80, *P.*
 Invasion of nerve homografts by regenerating muscle fibres, 84, 394, *anat. not.*
 Sanderson, *see Klein*
 Sanderson, J. Burdon, on the influence exerted by the movements of respiration on the circulation of the blood, 1, 368-9, *abs.*
Handbook of the sphygmograph, 1867, 2, 381-3, *rev.*
Handbook for the physiological laboratory (Klein, Foster, Sanderson & Brunton) 2 vols, 1873, 7, 332-5, *rev.*
 On experiments on origin of bacteria, 7, 358, *rep.*
 On direct electrical stimulation of the corpus striatum, 9, 209, *rep.*
 On localization of functions in the brain, 9, 213, *rep.*
Translations of foreign biological memoirs, 1887, 22, 307-8, *rev.*
 — & Anstie, F. E., On sphygmography, 1, 360, *rep.*
see also Stricker, S.
 Sandes, Gladys M., *see Hewer, E. E.*
 Sandys, O. C. & Zuckerman, S., Observations on the cervix uteri and the urethra of monkeys, 72, 352-7
see also Zuckerman, S.
 Zuckerman, S. & Gutkelch, A. N.
 Sangali, O., A case of diphallus, 30, 458, *rep.*
 A case of epignathus, 30, 458, *rep.*
 Sangalli, G., Gastric teratoma in young fowl, 32, 786, *rep.*
 Abnormalities of the pancreas, 32, 791, *rep.*
 Abnormalities of the testis, 32, 791, *rep.*
 Sanides, F., *Die Architektonik des menschlichen Stirnhirns*, 1962, 97, 465-6, *rev.*
 Sansom, G. S., Parthenogenesis in the water vole, *Microtus amphibius*, 55, 68-77
 Early development and placentation in *Arvicola (microtus) amphibius*, with special reference to the origin of placental giant cells, 56, 333-65
 Blastocyst of *Talpa in utero*, 59, 89, *S.P.*
 Photomicrographs of placenta of rabbit, 61, 517, *P.*
 Photomicrographs and sections of South American bat, *Molossus*, 61, 518, *P.*

Author Index

- Sansom, G. S., Early stages in the development of *Crocidura*, 68, 141, P.
see also Hill, J. P.
- Sanson, on the hybrid of hare and rabbit, 7, 172, rep.
- Saporito, On an anomaly of the Rolandic fissure, 33, 684 (ref. only)
- Sappey, M. C., On a description of nervi nervorum, 2, 394, rep.
- Sapsford, C. S., The development of the Sertoli cell of the rat and mouse: its existence as a mononucleate unit, 97, 225-38
Changes in the surface areas of gonocyte nuclei during the development of the testis, 97, 492, P.A.S.A.-N.Z.
The effect of irradiation on the gonocytes of the rat, 98, 487-8, P.A.S.A.N.Z.
- , Rae, C. A. & Cleland, K. W., History of the centrioles in bandicoot spermiogenesis; an electron microscope study, 99, 952-3, P.A.S.A.N.Z.
The development of the principal piece sheath of the bandicoot spermatozoon: an electron microscope study, 100, 950, P.A.S.A.N.Z.
- Sarasin, F. see Sarasin, P.
- Sarasin, P. & Sarasin, F., *Die Weddas von Ceylon und die sie umgebenden völkerschaften, ein versuch, die in der Phylogenie des Menschen ruhenden Räthsel der Lösung näher zu bringen*, 1893. 29, 140-1, rev.
- Sargent, Percy, Some points in the anatomy of the intra-cranial blood-sinuses, 45, 69-72
- Sarkany, I. & Caron, G., Microphotography of the human skin, 99, 359-64
- Sarnat, B. G. editor, *The temporomandibular joint*, 2nd ed. 1964. 99, 189, rev.
- Sastschinsky, see Sustuschinsky
- Sato, A case of quintuplets, 37, 302, rep.
- Sato, M., see Quilliam, T. A.
- Sauerbeck, on a case of malformation of the brain in *Hatteria punctata* (*Sphenodon punctatus*), 42, 137, rep.
- Saundby, R., Note on a peculiar appearance in a rabbit's liver, 12, 384
The histology of granular kidney, 15, 249-51
Obliterative endarteritis, and the inflammatory changes in the coats of the small vessels, 17, 180-7
- & Barling, G., Fat embolism, 16, 515-25
- Saunders, J. B. de C. M., see Inman, V. T.
- Saunders, J. T., see Borradaile, L. A., Eastham, L. E. S. & Potts, F. A.
- Saunders, R. L. de C. H., Notes on the construction of blotting-paper models, 74, 406-8
- Savage, T., Exhibition of boy with forearm and hand represented by rudiments of digits, 35, xix, P.
- Sávay, J., see Bacsich, P., Chisholm, I. A. & Gellért, A.
- Saviotti, G., On the structure of the pancreas, 4, 156, rep.
- Savory, On cutaneous distribution of radial nerve, 3, 212, rep.
- Savory, W. S., On structure of red-blood corpuscle of oviparous vertebrata, 3, 455, rep.
On the use of the ligamentum teres of the hip-joint, 8, 291-6
- Saxen, L. & Toivonen, S., *Primary embryonic induction*, 1962. 97, 293, rev.
- Säxing, Congenital malformation of the uterus, 1, 151-2, rep.
- Scammon, C. M., *Balaenoptera davidsoni*, 7, 335, rep.
- Scammon, R. G. & Calkins, L. A., *The development and growth of the external dimensions of the human body in the foetal period*, 1929. 65, 402-3, rev.
- Scanga, F., compiler, *Atlas of electron microscopy: biological applications*, 1964. 98, 458, rev.
- Scapinelli, R., Sesamoid bones in the ligamentum nuchae of man, 97, 139, P.
Sesamoid bones in the ligamentum nuchae of man, 97, 417-22
- Schachowa, On intercellular growth of bone, 8, 425, rep.
- Schaefer, W., On familial ectrodactyly, 5 cases, 27, 422, rep.
- Schäfer, E., On intra-cellular development of blood corpuscles in mammalia, 9, 221, rep.
- Schäfer, E. A., On structure of muscle fibres in legs of water beetle, 7, 329, rep.
On an apparatus for maintaining constant temperature for microscopy, 9, 404, rep.
A contribution to the history of development of the guinea-pig, part I, 10, 772-7; part II, 11, 332-47
Note on R. M. Gunn's paper on human retina (11, 357) 11, 516
On localisation of function of cortex of cerebrum in relation to sulci, 28, x, P.
see also Quain's
- Schäfer's *Essentials of histology* (edited by Carleton & Short) 16th ed. 1954. 88, 435, rev.
- Schäfer, F. & Böhm, R., On action of arsenic, 8, 218, rep.
- Schaffer, J., *Lehrbuch der Histologie und Histogenese*, 3rd ed. 1933. 67, 486-7, rev.
- Schalbe, On Pithecanthropus, 33, 685 (ref. only)
- Schall, W. E., *X-rays—their origin, dosage and practical application*, 58, 180, rev.
- Schaltenbrand, G. & Dorn, E., *Handbuch der mikroskopischen Anatomie des Menschen*, IV. Band, *Nervensystem*, 2. Teil, 1955. 90, 159-60, rev.
- Schaper, On the influence of radium on development, 39, 496, rep.
- Schapringer, A., on action of the tensor tympani, 5, 401, rep.
- Schär, E., on influence of alkaloids on certain properties of haemoglobin, 9, 416, rep.
- Scharpenberg, L. G. & Windle, W. F., A study of spinal cord development in silver-stained sheep embryos correlated with early somatic movements, 72, 344-51
- Schatz, On mythology and teratology, 37, 298, rep.
- Schauta, Diastasis of the symphysis pubis, 34, 419, rep.
- Schech, On functions of nerves and muscles of the larynx, 8, 203, rep.
- Schenk, On action of cold on elementary organisms, 5, 218, rep.
On behaviour of chlorine in organism, 7, 350, rep.
Nitrogen content of muscle, 7, 357, rep.
A case of congenital lateral ventral hernia in an infant, 35, 504, rep.
- Schenk, F., On output of urea in relation to fixed diet and muscular work, 9, 246, rep.
- Schenk, S., On observations on the amnion, 6, 441, rep.
- Schenk, S. L., *Lehrbuch der vergleichenden Embryologie der Wirbelthiere*, 1874. 9, 386, rev.
- Schenker, V., see Selye, H.
- Schepers, G. W. H., The external morphology of the brain of *Testudo geometrica*, 72, 535-55
The blood vascular system of the brain of *Testudo geometrica*, 73, 451-95
Evolution of the forebrain, 1948. 83, 386-7, rev.
- Scherk, On new apparatus for measuring the field of vision, 8, 400, rep.
- Scherschewsky, On the innervation of the uterus, 8, 423, rep.

Author Index

- Scheuer, J. Louise, Weights of abductor and adductor muscles of the human larynx, 94, 453, *P.*
 Fibre size frequency distribution in normal human laryngeal nerves, 98, 99-104
- Schiebler, T. H., Histochemical detection and localisation of oxidative enzymes in the conduction system of the heart, 95, 611, *P.*
editor, Histochemie der Mineralstoffe (Acta histochemica, Supp. III, 1963) 98, 459, *rev.*
- Schiedmacher, T., Acardia, 2 cases, 34, 415-16, *rep.*
- Schiefferdecker, On trophic lesions, 6, 222, *rep.*
- Schiefferdecker, P., On course of fibres in the spinal cord, 9, 203-4, *rep.*
- Schiff, On trophic innervation of cornea, 2, 191, *rep.*
 On distinction between excitability [conductivity] in peripheral nerve fibres, 2, 192, *rep.*
 On the active part taken by the stomach in the mechanism of vomiting, 2, 413, *rep.*
 On taste fibres in the anterior part of tongue, 2, 414-15, *rep.*
 On juice of intestine with duodenal jejunal fistulae, 3, 228-9, *rep.*
 On the warming of nerves and nerve-centres by irritation of sensory and motor nerves, 5, 210, *rep.*
 On taste, 5, 212, *rep.*
 On non-existence of electric currents in nerve, 5, 218, *rep.*
 On function of bile in digestion, 5, 224, *rep.*
 On influence of medulla oblongata on respiration, 5, 403, *rep.*
 On secretion of bile, 5, 407-8, *rep.*
 On negative oscillation of nerve current, 6, 223, *rep.*
 On development of heat in nerves and nerve centres, 6, 223, *rep.*
 On the influence of the medulla on respiration, 6, 233-4, *rep.*
 On influence of vagus on alveoli of lungs, 6, 234, *rep.*
 On localisation of sensory tracts of spinal cord, 7, 341-2, *rep.*
 On influence of respiration on blood pressure, 7, 347, *rep.*
 On innervation of heart, 7, 347, *rep.*
 On effects of artificial respiration on concussion and compression, 7, 348, *rep.*
 On effects of artificial respiration on circulation, 7, 348, *rep.*
 On factors influencing gastric digestion, 7, 351-2, *rep.*
 On fat absorption after pancreatectomy and obstruction of pancreatic ducts, 7, 353-4, *rep.*
 On motor functions of the cerebrum, 9, 407-8, *rep.*
 On local temperature of paralysed parts, 10, 651, *rep.*
 On the alkaloids of fungi, 11, 570, *rep.*
 On a test for urea, 13, 247, *rep.*
- , Fuchs & Englemann, on irritation of nerves by electric currents, 8, 186, *rep.*
- Schiffer, On production of heat during rigor, 2, 416-17, *rep.*
 On investigations in blood coagulation in dogs and rabbits, 6, 458, *rep.*
 On effect of intravenous injection of fibrinoplastic substance, 6, 482-3, *rep.*
- Schilf, E., *Das autonome Nervensystem*, 1926. 62, 518, *rev.*
- Schiremetjewski, On effect of intravenous of various substances into blood, on gaseous exchanges, 4, 176-7, *rep.*
- Schirmer, On hemicephaly on female side of family, 43, 117, *rep.*
- Schlafke, Sandra & Enders, A. C., Observations on the fine structure of the rat blastocyst, 97, 353-60
- Schlagdenhauffen, On mechanism of striped muscle, 7, 169, *rep.*
- Schleich, On estimation of urea by interbromiate of soda, 9, 439, *rep.*
- Schlesinger, On reflex movements of the uterus, 8, 214-15, *rep.*
 On vasomotor and uterine nerve-centres, 8, 403, *rep.*
see also Oser
- Schlesinger, B., The venous drainage of the brain with special reference to the Galenic system, 74, 142-3, *P.*
 The angioarchitecture of the thalamus in the rabbit, 75, 176-96; 74, 557, *P. (t.o.)*
- Schliephake, H., On action of galvanic current on the human eye, 8, 400, *rep.*
- Schloesing & Müntz, On nitrification by means of organised ferment, 13, 241-2, *rep.*
- Schlosser, M., *Die neueste Litteratur über die ausgestorbenen Anthropomorphen*, 1900. 35, 271-3, *rev.*
- Schmid, F., On the form and mechanics of the hip-joint, 9, 444, *rep.*
- Schmidt, On the colour of the yellow spot in man, 9, 414, *rep.*
 On studies in the comparative anatomy of the mechanical structure of bone and its heredity, 33, 500 (*ref. only*)
 Three cases of abnormality of the kidney, 44, 104, *rep.*
- Schmidt, A., On oxygenation of the blood, 2, 426, *rep.*
 Researches on carbonic acid content to erythrocytes, 3, 229-30, *rep.*
 On researches on sepsin, 4, 323, *rep.*
 On coagulation of the blood, 6, 457-8, *rep.*
 On blood coagulation, 7, 345-6, *rep.*
 On preparation of solutions of albumen free from salts by means of diffusion, 8, 410, *rep.*
- Schmidt, Albert, On dissociation of oxyhaemoglobin, 9, 230-1, *rep.*
 on dialysis of blood-serum, egg white and milk through gelatinized paper, 10, 640-2, *rep.*
 on the relation of the coagulation of fibrin to blood corpuscles, 10, 646, *rep.*
 On fibrin coagulation of blood corpuscles, 11, 193-5, *rep.*
 On fibrin coagulation in relation to white blood corpuscles, 11, 195-8, *rep.*
 On relation of sodium chloride to certain organic fermentative processes, 11, 554-5, *rep.*
 On 12 cases of dwarfs, 27, 417, *rep.*
see also Ludwig, C.
- Schmidt, H., Polymastia, 31, 459-60, *rep.*
 Supernumerary mammae, 32, 789-90, *rep.*
- Schmidt, H. D., On structure of the human liver, 5, 196, *rep.*
- Schmidt, M. B., Rare clefts in the region of the face, 35, 502, *rep.*
- Schmidt, W., On effect of heat on albuminous substances, 5, 225, *rep.*
- Schmiedeberg, on ganglia of the heart, 6, 227, *rep.*
 On cardiac poisons, 6, 501, *rep.*
 On anatomy and physiology of cardiac nerves, 7, 180-2, *rep.*
 On the preparation of para-nut crystals, 13, 237, *rep.*
- Schmiedeberg, O., On the difference of the action of caffeine on *Rana temporaria* and *Rana esculenta*, 9, 245, *rep.*
- Schmitt, Gastrulation of double trout embryos, 37, 304, *rep.*
- Schmitt, F., Double embryos amongst the salmonidae, 36, 301, *rep.*
- Schmolk, On seven cases of true dwarfism, 43, 116, *rep.*
- Schmorl, G. & Junghanns, H., *Die gesunde und kranke Wirbelsäule im Röntgenbild*, 2nd ed. XII, 1951. 86, 230-1, *rev.*

Author Index

- Schmoulewitsch, J.**, On the influence exerted on the irritability of muscles by the quantity of blood contained in them, 13, 258, *rep.*
- Schmulewitsch**, On heat and force of contraction of striped muscle, 3, 218, *rep.*
On secretion of bile, 4, 180, *rep.*
On nature of muscular contraction, 5, 404-5, *rep.*
- Schmuzinger, F.**, On migration of red and white blood corpuscles, 8, 174, *rep.*
- Schneider, Anton**, On muscles of nematodes, 4, 154, *rep.*
On development of *Bryozoa* and *Gephyraea*, 4, 161, *rep.*
On muscles of Nematodes, 4, 301, *rep.*
On development of *Aurelia aurita*, 5, 197, *rep.*
On *Radiolaria*, 6, 449, *rep.*
- Schneider, R.**, *Morphologische Untersuchungen am Gehirn der Chiroptera (Mammalia)*, 1957. 92, 489-90, *rev.*
- Schneller**, On the field of vision, 11, 545, *rep.*
- Schnopfhausen, F.**, The origin of cerebral convolutions, 25, 581-2, *abs.*
- Schöbl, Jos.**, On structure of the wing of the bat, 5, 384-5, *rep.*
On external ear of mouse, 6, 443, *rep.*
On nerve fibre endings in relation to tactile hairs, 7, 330-1, *rep.*
- Schoenmackers, J. & Vierten, H.**, *Atlas postmortale Angiogramme*. 89, 556, *rev.*
- Schofield, G.**, Observations on the distribution of extrinsic nerve fibres in the gut of the rat, 90, 592, *P.*
An experimental study of the extrinsic nerve supply of the alimentary tract in the rat, 91, 592-3, *P.*
- Schofield, G. C.**, Degenerative and dynamic deformation changes in the processes of autonomic neurons, 97, 482, *P.A.S.A.N.Z.*
- & **Southwell, J. M.**, Argentaffin and argentophil cells in primary explant cultures, 98, 486, *P.A.S.A.N.Z.*
Autoradiographic studies on argentaffin and acidophilic cells in the mouse colon, 99, 955, *P.A.S.A.N.Z.*
- — & **Alexander, R. M.**, Eosinophilic cells in the colonic mucous membrane following the administration of a monoamine oxidase inhibitor, 99, 950, *P.A.S.A.N.Z.*
Studies on the effect of reserpine and guanethidine administration on the argentaffin cells in the adult mouse colon and primary explant cultures, 99, 948, *P.A.S.A.N.Z.*
see also Adams, W. E.
Ho, A. K. S. & Southwell, J. M.
Silva, D. G.
Weddell, G. & Palmer, Elizabeth
- Schofield, H. C. L.**, *see* Haycraft, J. B., & Carlier, E. W.
- Schofield, R. H. A.**, Observations on the taste-goblets in the epiglottis of the dog and cat, 10, 475-7
- Scholefield, B. G.**, A case of craniopagus parietalis, 63, 384-8; 63, 160, *P. (t.o.)*
- Scholten, R.**, Congenital tumour of the little finger, 35, 508, *rep.*
- Schön, W.**, On the doctrine of the field of vision and its anomalies, 9, 220, *rep.*
- Schönbeek**, A case of ischiopagus parasiticus, 44, 97, *rep.*
- Schönenberg, H.**, *Über Missbildungen der Extremitäten*, 1962. 96, 544-5, *rev.*
- Schönn**, On action of hydrogen peroxide in blood, 5, 223, *rep.*
- Schorn, J.**, *Zur Orthologie und Pathologie der Hoyer-Groser'schen Organe*, 1959. 94, 144, *rev.*
- Schorstein & Carpenter**, On congenital absence of the clavicles, 33, 680 (*ref. only*)
- Schou, J.**, Dermoid tumour of the ovary removed from child aged 7, 36, 302, *rep.*
- Schreiber, J.**, On influence of brain on body temperature, 8, 398, *rep.*
- Schrödt, J. C.**, On position of eye in Pleuronectidae, 3, 205-6, *rep.*
- Schrötter**, On graphic representation of respiratory movements, 8, 203, *rep.*
On movements of the trachea, 8, 203, *rep.*
- Schuhl**, *see* Baraban, D.
- Schüle, H.**, *Das Schmelzoberhäutchen*, 1962. 97, 135, *rev.*
- Schülein**, On the action of salts of bile on intestinal canal of dogs, 13, 245, *rep.*
- Schulein, W.**, On central and peripheral temperatures in fever, 10, 651, *rep.*
- Schüller**, On infantilismus, 43, 116, *rep.*
- Schüller, M.**, On effects of various stimuli on cerebral vessels, 10, 620-1, *rep.*
Die chirurgische Anatomie in ihrer Beziehung zur chirurgischen Diagnostik, Pathologie und Therapie, Heft 1, 1885. 20, 548, *rev.*
- Schulte, H.**, A case of hemicephalus, 30, 460, *rep.*
- Schultz, A. H.**, Acrocephalo-oligodactylism in a wild chimpanzee, 92, 568-79
see also Hofer, H. & Starck, D.
- Schultz, R. L.**, *see* Al-Abbass, A. H.
- Schultze, B. S.**, On hermaphroditism, 3, 203, *rep.*
- Schultze, Max**, On anatomy and physiology of the retina, 1, 150, *rep.*
On the *macula lutea* in normal vision and in colour blindness, 1, 165, *rep.*
On rods and cones of the retina, 2, 168-9, *rep.*
On the structure and development of the retina in mammalia and chick, 2, 399, *rep.*
On rods of retina in cephalopoda and heteropoda, 3, 455, *rep.*
On nerve endings in retina, 4, 305-6, *rep.*
On structure of the retina, 6, 443, *rep.*
- Schultze, O.**, Origin of double monsters, 34, 415, *rep.*
Topographische Anatomie, 3rd ed. by W. Lubosch, c. 1928. 62, 123, *rev.*
- Schultzen**, On urinary constituents in phosphorous poisoning, 2, 180, *rep.*
On quantitative estimation of oxalate of lime (calcium oxalate) in urine, 4, 181, *rep.*
- & **Nencki**, On source of urea in animal organism, 7, 355, *rep.*
- Schültzen, M. O.**, On the presence of sarcolactic acid [lactic acid] in urine, 2, 183, *rep.*
- Schultzen, O. & Gräbe, C.**, On changes of aromatic acids in the system, 2, 420, *rep.*
- Schulz**, On influence of section of a nerve on the nutrition and regeneration of the tissues, 8, 186, *rep.*
- Schulze**, *see* Henneberg, Mäcker, Brun
- Schulze, A.**, On Abbe's apochromatic micro-objectives and compensating eye-pieces, 21, 515-24
Exhibition of a manufacturer's and warehouseman's microscope, 25, ii, *P. (SMS) (t.o.)*
- Schulze, F. E.**, On epithelial and glands cells in vertebrates, 2, 172-173, *rep.*
On musculus ciliaris, 2, 399-400, *rep.*
On formation of the cuticle, 4, 160, *rep.*
On sense organs connected with the lateral line in fish and amphibians, 4, 308, *rep.*
On taste buds in tongue of *Pelobates fuscus*, 5, 195, *rep.*
- Schumacher, S. von, & Schwarz, C.**, Polynuclear ova, 35, 500, *rep.*
- Schumkow**, On filling of lymphatics of the pericardium, 9, 221, *rep.*

- Schummer, On relative merits of chymograph [kymograph] of Ludwig and Fick, 2, 193, *rep.*
- Schunk, On pigments in urine, 1, 161, *rep.*
- On constituents of human urine, 1, 358-9, *rep.*
- Schürmann, P., Pflüger, H. & Norrenbrock, W., *Die Histogenese ekto-mesodermaler Mischgeschwülste der Mundhöhle*, 1931. 67, 189, *rev.*
- Schuster, E. H. J., Descriptions of three Chinese brains presented by Dr F. W. Mott, F.R.S. to the museum of the Royal College of Surgeons, part I, 42, 351-74; part II, 43, 59-79; part III, 43, 161-81
- Schuster, Norah, *see* Durward, A.
- Schützenberger, On combustion in animal organism, 9, 232, *rep.*
- The products of decomposition of albumen with barium hydrate, 13, 238, *rep.*
- On filtration of casein, 6, 465, *rep.*
- On structure of fat droplets in milk, 7, 355, *rep.*
- On lymph vessels of the retina and vitreous body, 8, 174, *rep.*
- Abnormal fissures and bones of the skull, 36, 303, *rep.*
- Two cases of epignathus, 39, 500, *rep.*
- Double monsters, 39, 503, *rep.*
- Two cases of horizontally divided parietal bones in hydrocephalic foetuses, 39, 504, *rep.*
- On a case of epigastrius parasiticus, 42, 134, *rep.*
- On tumour formation, 42, 135, *rep.*
- On a systematic classification of double monsters, 42, 135, *rep.*
- On split hand, split foot, syndactyly, adactyly and polydactyly, 42, 138, *rep.*
- Schwalbe, G., On the structure of the spinal ganglia, 3, 199, *rep.*
- On papillae of the tongue, 3, 200, *rep.*
- On structure of non-striped muscle, 3, 449, *rep.*
- On the structure of the muscular fibres of invertebrata, 4, 154, *rep.*
- On lymphatic arrangements of the eye-ball, 4, 302, *rep.*
- On lymph spaces in eye-ball, 5, 195, *rep.*
- Lehrbuch der Anatomie der Sinnesorgane*, 1887. 22, 307, *rev.*
- & Pfitzner, W., on anatomical statistics of sternalis muscle, 26, 441, *rep.* (4/238 cases)
- see also* Hofmann, F.
- Schwarz, C., *see* Schumacher, S. von
- Schwarzenbach, On albuminoid substances, 2, 431, *rep.*
- Schweigger-Seidel, F., *see* Ludwig, C.
- Scothorne, A. W. & Scotthorne, R. J., Glycogen in human skin autografts, 86, 475, *P.*
- Scothorne, R. J., The formation and closure of the cervical sinus in the sheep, 84, 407, *P.*
- Histochemical studies of autografts and homografts of human skin, 86, 491, *P.*
- Some observations on the development of the pharyngeal derivatives in birds, 88, 553, *P.*
- Glycogen in the developing pharyngeal derivatives of sheep, 89, 557-8, *P.*
- The effect of cortisone acetate on the response of the regional lymph node to a skin homograft, 90, 417-27
- Observations on the so-called thymus II of birds, 91, 12-24
- The lymphatic drainage of grafted skin, 91, 608-9, *P.*
- On the anatomy and development of the nasal cavity in the gannet (*Sula bassana*, L.), 92, 648, *P.*
- A histochemical study of the nasal gland of the duck, 92, 675, *P.*
- The nasal gland of birds: a histological and histochemical study of the inactive gland in the domestic duck, 93, 246-56
- Further studies of the salt-secreting ('nasal') glands of birds, 93, 588, *P.*
- Alkaline and acid phosphatases in the salt glands of birds, 94, 581, *P.*
- Time of onset of function of foetal sheep parathyroid gland, 97, 628, *P.*
- Further studies of the onset of function of foetal parathyroid glands, 98, 477, *P. (dem.)*
- An electron microscopic study of embryonic chick parathyroid gland, 100, 448-49, *P. (dem.)*
- & Hally, A. D., The fine structure of the nasal gland in the Aylesbury duck, 94, 581-2, *P.*
- & McGregor, I. A., The vascularization of autografts and homografts of rabbit skin, 87, 379-86; 87, 446, *P.*
- The changes in the regional lymph nodes following skin homografting in the rabbit, 88, 579, *P.*
- Cellular changes in lymph nodes and spleen following skin homografting in the rabbit, 89, 283-92
- & Nagy, L., *In vitro* studies of the interaction of immune lymph node and homologous tissue, 94, 454, *P.*
- & Scothorne, A. W., Histochemical studies on human skin autografts, 87, 22-9
- see also* Baxby K.
- Greatrex, G. H.
- Hally, A. D. & Buxton, R.
- McFarlane, A.
- Robson, F. C.
- Scothorne, A. W.
- Warbrick, J. G.
- Scott Williamson, G. *see* Williamson, G. S.
- Scott, Carmichael, E., *see* Carmichael, E. Scott
- Scott, E., *see* Waring, H.
- Scott, G. G. & Kendall, J. I., *The microscopic anatomy of vertebrates*, 1935. 70, 322, *rev.*
- Scott, J. H., Note of a case of articulation between two ribs, 13, 577
- Note on the structure of the style in the tongue of the dog, 14, 288
- Transposition of aorta and pulmonary artery, 16, 302, *anat. not.*
- Note on a specimen of bicipital rib, 18, 339-40, *anat. not.*
- Contributions to the osteology of the Aborigines of New Zealand and the Chatham Islands, in *Trans. of New Zealand Institute*. vol. xxvi, 1893. 29, 141, 143, *rev.*
- The early development of the enamel organ, 80, 225, *P.*
- The anatomy of jaw movements in foetal sheep, 84, 77, *P.*
- The development of joints concerned with early jaw movements in the sheep, 85, 36-43
- The cartilage of the nasal septum and facial growth, 85, 434, *P.*
- The comparative anatomy and function of the maxillary turbinate, 87, 461-2, *P.*
- Cysts of developmental origin in the oral cavity, 89, 561, *P.*
- Growth of the cranial base, 90, 594, *P.*
- & Symons, N. B. B., *Introduction to dental anatomy*, 1952. 88, 110, *rev.*
- see also* Morton, W. R. M.
- Pritchard, J. J. & Gargis, F. G.
- Scott, M. & Pritchard, J. J., Fate of the fracture 'haematoma', 94, 286, *P.*
- Scott, M. G., Blood supply of the mystacial vibrissae of the rat and cat, 89, 566, *P.*

Author Index

- Scott, M. G. & Scott, Patricia, P., Histological development of the testis in the domestic cat, 91, 590, *P.*
A species difference in the response of the thyroid to the addition of calcium and iodine to a meat diet, 94, 284, *P.*
- Scott, Mary, J., *see* Molyneux, G. S.
- Scott, Patricia P., Some factors in the maturation of the genital tract of the female kitten, 89, 565, *P.*
Observations on the aetiology of osteogenesis imperfecta in man and carnivores, 95, 606, *P.*
see also Cole, A. S.
Lloyd-Jacob, Marny A.
Scott, M. G.
- Scott, Sidney, R., Topographical anatomy of the human skull, 39, xxxvi, *P.*
A new method of demonstrating the topographical anatomy of the adult human skull, 40, 171-85
A record of the decussations of the brachial plexus, 40, 412-15
Photographs of sections of the liver, 40, vii, *P. (dem.)*
Decussations of the brachial plexus, 40, xi, *P. (t.o.)*
Small vermiform appendix, 42, 347, *anat. not.*
A contribution to the histology of the human osseous and membranous labyrinth, 43, 329-45
on a specimen of vermiform appendix measuring 7.5 mm., 43, i, *P. (March) (t.o.)*
Demonstration of serial sections of the human membranous and osseous labyrinth, 43, iv, *P. (November 1908) (t.o.)*
The human membranous labyrinth, histology, 43, vii, *P.*
- Scottish Microscopical Society, Officers, Session 1890-1, 25, iii, *P. (SMS)*
(first session 1889-90) 25, i, *P.*
Proceedings, 1st session, 1889-90, 25, i-xxi
- Sczelkow, on the creatin content of the wings and legs of the muscles of fowls, 1, 358, *rep.*
- Secques, F., Two double fish, 31, 456-7, *rep.*
- Sée, On tobacco in treatment of asthma, 4, 315-16, *rep.*
On physiological action of alcohol, 8, 410, *rep.*
On mode of action of the auriculo-ventricular valves, 9, 222, *rep.*
- Seé, Marc, On mode of action of auriculo-ventricular valves, 9, 417, *rep.*
- Seegar, J., On the reducing action of sugar and uric acid in the cold, 10, 218, *rep.*
- Seegen, On nitrogen excretion, 6, 464, *rep.*
On sugar in urine, 6, 466, *rep.*
On excretion of nitrogen during starvation, 6, 471, *rep.*
On conversion of glycogen into grape-sugar by saliva and pancreatic juice, 11, 563, *rep.*
On the changes produced in glycogen by saliva and pancreas ferment, 13, 412-13, *rep.*
— & Nowak, on estimation of nitrogen in albuminates, 8, 204, *rep.*; 9, 234, *rep.*
- Seegen, J., *La glycogénie animale*, 1890, 24, 604, *rev.*
- Seeley, H., New theory of the skull and the skeleton, 1, 185, *abs.*
- Seeley, Harry Govier, *Ornithosauria, Aves and reptilia from the secondary strata*, 1869, 4, 287-8, *rev.*
Ornithosauria, an elementary study of the bones of pterodactyles, 1870, 4, 288-90, *rev.*
On origin of the vertebrate skeleton, 6, 435, *rep.*
- Seelig, L., On consumption of sugar by diabetic and non-diabetic animals, 8, 421-2, *rep.*
- Segoud, L. A., On skeletons of batrachians and reptiles, 7, 338, *rep.*
- Seiki, K., *see* Kotani, M. *et al.*
- Seitz, On simulation of axillary mammae in the axilla, 43, 120, *rep.*
- Selby, D. S., *see* Murray, P. D. F.
- Seligmann, Albinism, 37, 299, *rep.*
On 'bull-dog' calves, 40, 293, *rep.*
On a fowl with imperfect hermaphroditism, 43, 117, *rep.*
see also Shattock
- Seligmann, C. G., Supernumerary dorsal fin in a trout, 35, 501, *rep.*
- Sells, R. A., A study of the ultrastructural appearances of the β -cells of the islets of Langerhans, using a new staining technique, 100, 430, *P.*
- Sellwood, R. V. & Verney, E. B., Enumeration of glomeruli in the kidney of the dog, 89, 63-8
- Selye, H., On the mechanism controlling the growth in length of the long bones, 68, 289-92
Variations in organ size caused by chronic treatment with adrenal cortical compounds. An example of a dissociated adaptation to a hormone, 76, 94-99
1st Annual report on stress, 1951, 86, 469-70, *rev.*
— & Horava, A., Second annual report on stress, 1952, 87, 432, *rev.*
— & McKeown, T., On the regenerative power of the uterus, 69, 79-81
— & Schenker, V., The haemolymph nodes of the rat (iron pigment lymph nodes) 73, 413-15
- Semple, H., On multiple congenital defect of heart, one case, 5, 380, *rep.*
- Semple, J. E., Innervation of the ureterovesical junction, 72, 626, *P. (dem.)*
- Senator, On action of the pancreas, 3, 228-9, *rep.*
On effects of cooling on axillary temperature, 5, 408-9, *rep.*
On temperature regulation, 6, 238, *rep.*
On the production of heat and carbon dioxide and urea in normal and febrile states, 6, 486-7, *rep.*
Researches on the production of heat and tissue metamorphosis, 7, 357, *rep.*
On albumin in urine, 9, 241, *rep.*
- Senator, H., A case of double and triple canals in spinal cord, 34, 416, *rep.*
- Senff, On diabetes after inhalation of carbonic acid, 4, 321, *rep.*
- Senfleben, On keratitis after section of trigeminal nerve, 10, 634, *rep.*
- Sengupta, B. P., *see* Jenkinson, D. M. & Blackburn, P. S.
- Senior, H. D., An interpretation of the recorded arterial anomalies of the human leg and foot, 53, 130-71
- Sequeira, J. H., A case of ectopia vesicae, with patent vitelline duct, 30, 362-8; 30, ix-x, *P.*
- Sera, G. L., editor, *Giornale per la morfologia dell' uomo e dei primati*, vol. 1, part I, 1917, 51, 400, *rev.*
- Serafini-Fracasini, A., *see* Smith, J. W. & Peters, T.
- Sergi, G., Classification methods for races of man, in *Atti della Società Romana di Antropologia*, vol. 1, fasc. i, 1893, 29, 141, 144, *rev.*
Le varietà umane della Melanesia, in *Bollettino della R. Accad. Medica di Roma*, Anno, xviii, Fasc. ii, 29, 141, 144, *rev.*
- Sertoli, E., On the coecygeal body, 2, 397, *rep.*
On state of carbonic acid in blood, 3, 230, *rep.*
On nerve-endings of gustatory nerve, 9, 413-14, *rep.*
- Service, John, Some points connected with the physiological action of pilocarpine 13, 326-30
- Seseman, E. H., On connections of the orbital veins, 4, 155, *rep.*
On the orbital veins and their connexion with the veins on the surface of the head, 5, 299, *n.*
- Seto, H., *Studies on the sensory innervation (human sensibility)* 1963, 98, 281-2, *rev.*

- Setschenow, On reflexes of the nervous system, **1**, 157, *rep.*
 On the behaviour of nerves during rapid stimulation, **7**, 344, *rep.*
see also Metschnikoff
- Setschenow, J., On action of *Cynoglossum officinale*, **3**, 225, *rep.*
- Setschenow, T., On the absorption of CO₂ by solutions of neutral phosphate of soda, **9**, 425, *rep.*
- Sewell, I. A., Studies of the microcirculation using transparent tissue observation chambers inserted in the hamster cheek pouch, **100**, 839
- Sewell, R. B., Seymour, A study of the astragalus, part I, **38**, 233-47; part II, **38**, 423-34; part III, **39**, 74-88; part IV, **40**, 152-61
- The small or, superficial thyro-arytenoid muscle, **39**, 301-7
 Anatomical notes, **41**, 45-8
- Sgalitzer, K. E., Contribution to the study of the morphogenesis of the thyroid gland, **75**, 389-405
- Shah, A. C. & Srivastava, H. C., Fascial canal for the small saphenous vein, **100**, 411-413
- Shah, M. A., The squatting index of the femora of Punjabis, **77**, 110-11, *anat. not.*
- & Shah, M., Quadriceps m. biceps brachii, **80**, 54, *anat. not.*
- Shamir, Z., *see* Garn, S. M.
- Shaner, R. F., On the muscular architecture of the vertebrate ventricle, **58**, 59-70
 The development of a medial motor nucleus and an accessory abducens nucleus in the pig, **68**, 314-17
- Shanklin, W. M., Differentiation of pituicytes in the human foetus, **74**, 459-63
 On the presence of nerve cells in the neurohypophysis of the dog, **77**, 241-2
 Histogenesis of pituicytes in the chick, **78**, 79-93
- & Issidorides, M., Preliminary observations on the histochemistry of granular material in the human cerebellum, hypothalamus and medulla, **93**, 583, *P.*
see also Issidorides, Marietta Kazzaz, D.
- Mytilineou, Catherine & Issidorides, Marietta
- Shanthaveerappa, T. R. & Bourne, G. H., The 'perineural epithelium', a metabolically active, continuous, protoplasmic cell barrier surrounding peripheral nerve fasciculi, **96**, 527-37
 Histochemical demonstration of thiamine pyrophosphatase and acid phosphatase in the Golgi region of the cells of the eye, **99**, 103-17
- Shapiro, B. G., The topography and histology of the parathyroid glands in *Xenopus laevis*, **68**, 39-44
- Sharman, A., Post-partum regeneration of the human endometrium, **87**, 1-10
see also Bacsich, P. & Wyburn, G. M.
- Sharman, M., *see* Aitken, J. T. & Young, J. Z.
- Sharp, Case of additional nipple, **38**, 367, *rep.*
 A case of left testis in perineo, **38**, 370, *rep.*
- Sharp, E. W., A case of polydactyly, **36**, 305, *rep.*
- Sharp, G., Puce iron-pigmented renal calculi, **28**, 447-8
 Adventitious joint of the femur following un-united fracture, **29**, 330-1
 The morbid anatomy of the bones in chronic glanders in the human subject, **29**, 492-3
 Lymphadenoma (Hodgkin's disease) of the lymphatic glands as a distinct pathological affection, **30**, 59-62
 Large cystic myxoma attached to the colon of the sheep, **30**, 559-61
 The action of the products of the organism of diphtheria on the heart muscle of the frog (*Rana temporaria*) **31**, 199-201
- Spontaneous cure and torsion of aneurism in a sheep, **32**, 377-9
- Sharp, J. A., Developmental changes in the interventricular foramina, **92**, 642, *P.*
 The junction of cerebral hemisphere and third ventricle in mammalian embryos, **92**, 647, *P.*
 Developmental changes in the interventricular foramen, **93**, 23-9
 The junctional region of cerebral hemisphere and third ventricle in mammalian embryos, **93**, 159-68
 A simple general purpose tissue culture chamber, **93**, 575, *P.*
 Time-lapse phase-contrast cinemicrography of lymphoid tissue in culture, **95**, 612, *P.*
- & Burwell, R. G., Tissue culture studies of lymphoid tissue after skin homografting in rabbits, **94**, 575, *P.*
 Tissue culture studies of lymphoid tissue sensitized to skin homografts and explanted with donor tissue, **96**, 457-75
- Sharpey, W., *see* Quan's
- Sharrard, W. J. W., A study of the nerve cells of the grey matter of the lumbo-sacral spinal cord in man, **88**, 570, *P.*
- Shattock, Dermoid of the ovary, **39**, 506, *rep.*
 On the colour of the hair in ovarian dermoids, **42**, 135, *rep.*
- & Seligmann, On a case of true hermaphroditism in a fowl, **40**, 294, *rep.*
 A case of true hermaphroditism in the fowl, **44**, 98, *rep.*
- Shattock, S. G., On a new bone in human anatomy, together with an investigation into the morphological significance of the so-called internal lateral ligament of the human lower jaw, **14**, 201-4, *ill.*, page 376
 Note on the anatomy of the thyro-arytenoid muscle in the human larynx, **16**, 485
 A 'kerato-thyro-hyoid' muscle as a variation in human anatomy, **17**, 124-5
 Imperforate larynx in an agnathic lamb, **36**, 303-4, *rep.*
- Shave, Specimens of hip-joint and alimentary canal of the horse, **43**, v, *P.* (January 1908) (*l.o.*)
- Shaw Bolton, J., *see* Bolton, J. Shaw
- Shaw, On syndactyly, **39**, 509, *rep.*
- Shaw, Alexander, Comment on Charles Bell's 'Idea of a new anatomy of the brain', **3**, 166-182
- Shaw, C. Gordon, *see* Gordon-Shaw, C.
- Shaw, D. Mackintosh, Form and function of teeth: a theory of 'maximum shear', **52**, 97-106
- Shaw, E. H., *see* Morison, A. Blackhall
- Shaw, H. Batty, On well-developed acromio-trachelian muscle, **35**, xvi, *P.*
 Lantern demonstration on morphology of adipose tissue, **35**, xxi, *P.*
 A contribution to the study of the morphology of adipose tissue, **36**, 1-13
- Shaw, J. C. Middleton, Four cases of fourth molar teeth in South African baboons, **62**, 79-85
 Taurodont teeth in South African races, **62**, 476-98
 The teeth, the bony palate and the mandible in Bantu races of South Africa, 1931. **66**, 126-7, *rev.*
- Shaw, M., The vascular path of a thrombus to an orbital arteriovenous aneurysm, **71**, 142, *P.*
- Shaw, N. E., The development of the collateral circulation to the hind limbs in aortic and common iliac arterial occlusion with especial reference to bone, **98**, 294, *P.*
- & Martin, B. F., Histological and histochemical studies on mammalian knee-joint tissues, **96**, 359-73
see also Martin, B. F.

Author Index

- Shaw, W., Two early human ova, 68, 128-130, P.
 An example of omphalopagus parasiticus, 68, 130-1, P.
- & Gladstone, R. J., Models of an early human embryo (presomite stage) 69, 152, P. (dem.)
- Shea, S., Diaphragmatic hernia, 68, 131-2, P. (t.o.)
- Shearer, J. S., see McWhirter, R. & Aitken, P.
- Sheehan, D., Bilateral absence of trapezius, 67, 180-1, anat. not.
- The afferent nerve supply of the mesentery and its significance in the causation of abdominal pain, 67, 233-49
- Experimental diabetes insipidus, 71, 141, P.
- & Pick, J., The rami communicantes in the rhesus monkey, 77, 125-39
 see also Fulton, J. F.
- Pick, J.
- Sheehan, H. L. & Davis, J. C., Anatomy of the pelvis in the rabbit kidney, 93, 499-502
- Shehata, S. H. & Bowden, Ruth E. M., The innervation of avian striated muscle, 94, 574-5, P.
- Further observations on the innervation of avian muscles, 95, 601, P.
- Shelesnyak, M. C., Mechanism of ova-implantation in the rat, 92, 655-6, P.
- Shellshear, Joseph L., The basal arteries of the fore-brain and their functional significance, 55, 27-35
- Injected specimens of the human cerebellum demonstrating the blood-supply of the nucleus dentatus, 59, 36, S.P.
- The occipital lobe in the brain of the Chinese with special reference to the sulcus lunatus, 61, 1-13
- The arteries of the brain of the orang-utan, 61, 167-97
- The evolution of the parallel sulcus, 61, 267-78
- The blood supply of the hypoglossal nucleus, 61, 279-82
- Arterial supply of the cerebral cortex, demonstration, 61, 518-19, P.
- The arterial supply of the cerebral cortex in the chimpanzee (*Anthropopithecus troglodytes*) 65, 45-87
- Marshall's Bushwomen's brain, 68, 128, P. (t.o.)
- Arterial supply of the cerebral cortex in man, 68, 140-1 P. (disc. only)
- The cortical representation of handwriting, 68, 152, P. (t.o.)
- The brain of a girl, aged 12, said to be that of an aboriginal Australian, 73, 327-45
- & Abbie, A. A., Arterial supply of the cerebral cortex in the gorilla, 68, 140, P.
- & Dart, R. A., Endodermal contribution to the peripheral nervous system, 59, 47-8, S.P.
 see also Dart, R. A.
- Shelton, L., see Ten Cate, A. R.
- Shukla, P. L. & Aitken, J. T., Formation of motor end plates in denervated voluntary muscles of the rat, 97, 152, P.
- Shepard, see Meissner
- Shepherd, F. J., Notes on the dissection of a case of congenital dislocation of the head of the femur, 14, 368-72; note on, 15, 452
- On some anatomical variations, 15, 292-6
- A hitherto undescribed fracture of the astragalus, (4 cases) 17, 79-81
- Short notes on the myology of the American black bear (*Ursus americanus*) 18, 103-17
- The musculus sternalis and its occurrence in (human) anencephalous monsters, 19, 311-19
- Note on the ossicle found at the posterior border of the astragalus, 21, 335, anat. not.
- Some vascular anomalies observed during the session 1888-89, 24, 69-71
- A note on the radio-carpal articulation, 25, 249-51
- On umbilical faecal fistula, 27, 421, rep.
- Symmetrical depressions on the exterior surface of the parietal bones (with notes of three cases) 27, 501-4
- Anomalous muscle of the thorax, connected with the diaphragm, 30, 168
- Shepherd, R. H., Sholl, D. A. & Vizoso, A., The size relationship subsisting between body length, limbs and jaws in man, 83, 296-302
- The relative sizes of limbs and jaw in man, 84, 60, P.
- Shepherd, R. K., The form of the human spleen, 37, 50-69
- Sheppard, E. M., The reproductive system of a pregnant hermaphrodite rabbit (*Oryctolagus cuniculus*) 77, 288-93
- Sheridan, M., see Sorsby, A.
- Sherrington, C. S., (later Sir Charles), Topography of the pyramidal tract, 23, xvii, P.
- on sensory nerve supply of the hind limb of the *Macacus rhesus*, 26, xv, P.
- On the distribution of the sixth lumbar nerve of *Macacus rhesus*, 29, xix-xx, P.
- On demonstration of cutaneous distribution of spinal nerves, 30, xxi, P.
- On the reciprocal innervation of antagonistic muscles, 33, 501, anat. not.
- The integrative action of the nervous system*, this edition edited by Samson Wright, 1947. 81, 334, rev.
- Shirres, A case of porencephaly, 37, 305, rep.
- Sholl, D. A., The organization of the visual cortex in the cat, 86, 478, P.
- Dendritic organization in the neurons of the visual and motor cortices of the cat, 87, 387-406; 87, 444, P.
- The organization of the visual cortex in the cat, 89, 33-46
- The surface area of cortical neurons, 89, 571-2, P.
- The organisation of the cerebral cortex*, 1956. 91, 146-7, rev.
- A study in quantitative cytoarchitectonics, 92, 633, P.
- A comparative study of the neuronal packing density in the cerebral cortex, 93, 143-58; correction, 93, 434-5
- see also Shepherd, R. H. & Vizoso, A.
- Shore, L. R., An example of the muscle scalenus minimus, 60, 418-19
- A case of multiple anomaly of the phalanges of the hands in a girl aged 15, 60, 420-5; 60, 486, P.
- Demonstration of congenital abnormalities of the upper limb, 61, 489, P. (t.o.)
- Demonstrations showing effect of injecting gelatin masses into the coronary arteries, 61, 518, P.
- Two cases of congenital deformity of the upper limb, 62, 118-20
- The lymphatic drainage of the heart, 62, 125-34; 63, 291-313
- Abnormalities of the vertebral column in a series of skeletons of Bantu natives of South Africa, 64, 206-38
- A report on a specimen of fused pelvic kidney found in a Bantu native of South Africa, 64, 344-52
- A specimen of developmental sacro-iliac synostosis, 64, 503-11
- A report on the nature of certain bony spurs arising from the dorsal arches of the thoracic vertebrae [Bantu], 65, 379-87
- A report on the spinous processes of the cervical vertebrae in the native races of South Africa, 65, 482-505

- Shore, L. R., A report on the spinous processes of the cervical vertebrae in a series of Egyptian skeletons, 67, 422-42
Interparietal groove, 71, 156, *P. (disc. only)*
A note on the interparietal groove in Egyptian skulls, 73, 1-14
- Shore, T. & Jones, L., Sections of the liver, 24, vii, *P.*
- Shore, T. W., On the relations of the mammalia to the ichthyopsida and sauropsida, 21, 362-73
The morphology of the vagus nerve, 22, 372-90
On the minute anatomy of the vagus nerve in Selachians, with remarks on the segmental value of the cranial nerves, 23, 428-51
Notes on the origin of the liver, 25, 166-97
Unusual arrangement of the renal portal vein in the frog (*Rana temporaria*), 34, 398-402
Abnormal veins in the frog, 35, 323-9
On the development of the renal-portal and fate of the posterior cardinal veins in the frog, 36, 20-46
— & Pickering, J. W., The proamnion and amnion in the chick, 24, 1-21
- Short, R. H. D., *see* Carleton, H. M.
- Shorter, R. G., *Liver biopsy. An atlas of histologic appearances*, 1961, 96, 410, *rev.*
- Shortt, On effects of cobra poison, 6, 501, *rep.*
- Shrubbsall, On African skulls, 33, 356 (*ref. only*)
On the study of Abantu and Ashanti skulls, 33, 506 (*refs. only*)
- Shufeldt, R. W., Observations upon the osteology of *Podasocys montanus*, 18, 86-102
Osteology of *Ceryle alcyon*, 18, 279-94
Osteology of *Numenius longirostris*, with notes upon the skeletons of other American limicolae, 19, 51-82
The skeleton in *Geococcyx [californianus]*, 20, 244-66
Osteology of *Conurus carolinensis*, 20, 407-25
A Navajo Skull, 20, 426-9
A skull of a Navajo child, 21, 66-71
Osteological note upon the young of *Geococcyx californianus*, 21, 101-2
Contributions to the comparative craniology of the North-American indians: the skull in the Apaches, 21, 525-35
Comparative data from 2,000 Indian crania in the United States Army Medical Museum, 22, 191-214
Further notes upon the crania of North-American Indians, 25, 222-4 ('errata' to Vol. 22)
On the skeleton in the genus *Sturnella*, with osteological notes upon other north-American *Icteridae*, and the *Corvidae*, 22, 309-50
Contributions to the comparative osteology of arctic and sub-arctic water birds, part I, 23, 1-39; part II, 23, 165-86; part III, 23, 400-27; part IV, 23, 537-58; part V, 24, 89-116; part VI, 169-87; part VII, 543-66; part VIII, 25, 60-77; part IX, 25, 509-25
Concerning the taxonomy of the North-American *Pygopodes*, based upon their osteology, 26, 199-203
Comparative osteological notes on the extinct bird *Ichthyornis*, 27, 336-42
On the osteology of certain cranes, rails, and their allies, with remarks upon their affinities, 29, 21-34
Osteology of the penguins, 35, 390-404
Notes on the osteology of *Scopus umbretta* and *Balaeniceps rex*, 35, 406-12
- Shute, C. C. D., Nervous pathways in the developing human labyrinth, 85, 359-69; 85, 417, *P.*
Nerve endings and neuroepithelia in the developing human labyrinth, 85, 425-6, *P.*
- Asymmetrical growth of neuro-epithelia in the human labyrinth, 86, 246-58
Function of the jaws in mammals, 88, 565, *P.*
The comparative anatomy of the secondary tympanic membrane and periotic duct, 89, 569, *P.*
The morphology of the respiratory portion of the lateral wall of the nasal cavity, 89, 579, *P.*
The evolution of the mammalian eardrum and tympanic cavity, 90, 261-81; 90, 572, *P.*
The evolution of the parotid gland and its secretomotor innervation, 90, 580, *P.*
The geometry and kinematics of the knee joint, 90, 586, *P.*
Median eyes, their innervation and its bearing on the ancestry of the pineal, 91, 569-70, *P.*
Salivatory pathways and the olivo-cochlear bundle of Rasmussen, 91, 585, *P.*
The phylogeny of the labyrinthine receptors, 92, 648, *P.*
The evolution of vertebrae and the cranio-spinal articulation, 96, 415, *P.*
— & Bellairs, A. d'A., Observations on the cochlea of certain lizards, 87, 438, *P.*
The mechanism of ear-flaps, in *Crocodylia*, 88, 551, *P.*
— & Lewis, P. R., The site of the salivatory nucleus, 93, 573, *P.*
The salivatory centre in the rat, 94, 59-73
Cholinergic afferent pathways to the hippocampal formation and amygdaloid experimental material, 95, 287-8, *P.*
The subformal organ (intercolumnar tubercle) of the rat, 97, 301, *P.*
The cholinergic corticopetal radiations of the fore-brain, 97, 476-7, *P.*; 97, 480 (*dem.*)
The cholinergic innervation of the cerebellum, 98, 466, *P.*; 98, 477, *P. (dem. only)*
The fine localization of cholinesterase in the hippocampal formation, 99, 938, *P.*
see also Bellairs, A. d'A.
Lewis, P. R. & Shute, C. C. D.
Navaratham, V. & Lewis, P. R.
- Sibley, W. K., Undescended right testicle, hypertrophy of the left one in a monkey, 22, xxiv-xxvi, *P.*
Tuberculosis in vertebrates, 23, 642-9
The nature of the giant-cells of tubercle and the elements associated therewith, as seen in comparative pathology, 24, 517-26
- Sicher, E., On cyclopia in a calf, 26, 434, *rep.*
- Sicwenow, On excretion of ingested nitrogen, 3, 470-1, *rep.*
- Siddiqi, M. A. H., Abnormalities of the porta hepatis, 68, 155, *P. (t.o.)*
Variations in the lower end of femur from Indians, 68, 331-7; 68, 155, *P. (t.o.)*
Breech fused twin monster, 68, 118-23
Observations on the lower end of the femur from American Indians and modern Canadians, 70, 410-12
The development of the penile urethra and the homology of Cowper's gland of male spermophile (*Citellus tridecemlineatus*) with a note on the prostate utricle, 72, 109-15
The prostate gland of *Herpestes edwardsii edwardsii*, 81, 123-6
— & Mullick, A. N., On the anatomy of intercostal spaces in man and certain other mammals, 69, 350-5
Sidhom, Girgis & Derry, D. E., The dates of union of some epiphyses in Egyptians from x-ray photographs, 65, 196-211

Author Index

- Sieber, N., *see* Macfadyen, A. & Nencki, M.
- Siebert, on emetic effects of apomorphia, 7, 194-5, *rep.*
- Siebourg, on a case of complete male pseudo-hermaphroditism, 33, 505 (*ref. only*)
- Siegesmund, K. A., Dutta, C. R. & Fox, C. A. The ultrastructure of the intranuclear rodlet in certain nerve cells, 98, 93-7
- Sieglbauer, F., *Lehrbuch der normalen Anatomie des Menschen*, 1927, 63, 147, *rev.*
- Siemens, On measuring temperatures by electricity, 7, 357, *rep.*
- Siemens, Hermann W., *Hereditary disease*, 1921, 56, 162-3, *rev.*
- Sievers, Hourglass stomach, 1 case, 34, 419, *rep.*
- Silex, On central innervation of the eye muscles, 33, 684 (*ref. only*)
- Silva, D. G., Quantitative ultrastructural studies on the nerve fibres in the mucous membrane of the colon, 100, 939, *P.A.S.A.N.Z.*
- Ultrastructural observations on crystal-containing cells in the epithelium of the large intestine of the mouse, 100, 938, *P.A.S.A.N.Z.*
- Ultrastructural observations on a multivesicular cell in the epithelium of the intestine, 100, 935, *P.A.S.A.N.Z.*
- Ultrastructural observations on the myometrium in the rat, 100, 941, *P.A.S.A.N.Z.*
- & Schofield, G. C., The ultrastructure of argentaffin cells in the distal part of the mouse colon, 100, 949, *P.A.S.A.N.Z.*
- see also* Hart, J. A. L.
- Silver, Alene F., *see* Montagna, W. & Ellis, R. A.
- Silver, Ann, *see* Krnjević, K.
- Silver, J. H. F., Experimental destruction of the paratympanic organ in pigeons, 91, 612, P.
- Silver, P. H. S., Direct observation of changes in tension in the supraspinous and interspinous ligaments during flexion and extension of the vertebral column in man, 88, 550-1, P.
- The development of Houston's valves in the human embryo and fetus, 88, 557, P.
- Observations concerning the position and relations of the recto-vesical and recto-vaginal pouches in the human embryo and fetus, 89, 568-9, P.
- Observations on the valves of Houston in the human embryo and fetus, 89, 217-24
- The role of the peritoneum in the formation of the septum recto-vesicale, 90, 538-46
- Topography in two human cyclops fetuses, 90, 561, P.
- In ovo* technique for operating on the early chick embryo, 91, 605-6, P.
- Experimental study of head morphogenesis: removal of optic vesicles, 94, 283, P.
- Studies in head morphogenesis: development of isolated presumptive trabecular tissue in the chick embryo, 94, 577, P.
- The eye as a developing system, 97, 479-80, *dem.*
- Optic nerve fibres arrested in the cornea, 97, 475, P.
- see also* Floyd, W. F.
- Silvester, H. R., on nature of the spleen, 5, 379-80, *rep.*
- Simanowsky, N. P., on the effect of stimulation of sensory nerves on the function and nutrition of the heart, 16, 144-5, *rep.*
- Simmonds, On uterus and vagina duplex, 26, 436, *rep.*
- Two cases of epignathus amorphus, 44, 100, *rep.*
- Simon, A case of true hermaphroditism, 38, 363, P.
- Simon, G., Tomography in the teaching of radiological anatomy, 73, 357, P.
- Simon, Th., on abnormal width of parietal foramina, 7, 167, *rep.*
- On persistence of frontal suture, 8, 386, *rep.*
- On brain tumour, 8, 399, *rep.*
- Simonof, A., On bilifuscin, 11, 564, *rep.*
- Simonoff, on the inhibitory action of the cerebral grey matter on the spinal reflex in dogs and frogs, 1, 359-60, *rep.*
- Simonowitsch, R., On hyoscyamin and its importance in ophthalmology, 10, 204, *rep.*
- Simons, On effects of inflation of gut on temperature (body) 5, 409, *rep.*
- On fall of temperature, 5, 218, *rep.*
- Simpson, D. A., The projection of the pulvinar to the temporal lobe, 86, 20-8
- Simpson, Francis O., Congenital abnormalities of the heart in the insane, 32, 679-86
- & Devine, C. E., The fine structure of autonomic neuromuscular contacts in arterioles of sheep renal cortex, 100, 127-37
- Simpson, G. C. E., A case of accessory lobe of the right lung, 42, 221-25
- Simpson, Sir J. Y., On Siamese twins, 3, 456, *rep.*
- Simpson, Magnus, R., Notes on the presence of two precaval veins in a dog, 9, 385
- Simpson, Miriam E., *see* Wagener, Gertrude van
- Simpson, S. A. & Young, J. Z., Regeneration of fibre diameter after cross-unions of visceral and somatic nerves, 79, 48-65
- Sims, A. L. & Leeson, T. S., An ultramicrotome, 91, 596, P.
- Sims, R. T., The absence of protein synthesis by chromosomes, and the movements of nuclear proteins, during the mitotic cycle in the germinal cells of the epithelium of the tongue and growing hair of rats, 98, 467, p.
- Experiments on the pattern of the blood vessels in the central nervous system of *Xenopus laevis*, 100, 91-8
- The relationship of nucleolar size to protein synthesis in cells of the hair cortex of rats, 100, 577-83
- Sims Woodhead, G., *see* Woodhead, G. Sims
- Sinclair, D., *An introduction to functional anatomy*, 1957, 92, 489, *rev.*; 2nd ed. 1961, 96, 132, *rev.*
- Sinclair, D. C., Further observations on the sensory changes induced by a compression cuff on a human limb, 81, 388, P.
- Observations on the central pathways transmitting the sensation of pins and needles, 81, 374-5, P.
- The intervertebral ligaments as a source of segmental pain, 83, 69, P.
- The reference of pain aroused in the skin, 84, 64, P.
- The fifth international anatomical congress, 1950. Organization and logistics, 85, 182-212
- An experiment in the teaching of anatomy, 98, 491, *P.A.S.A.N.Z.*
- & Darcus, H. D., A visual display method of recording progress in the dissecting room, 87, 447, P.
- , Weddell, G. & Zander, E., The relationship of cutaneous sensibility to neurohistology in the human pinna, 86, 402-11
- see also* Weddell, G.
- Weddell, G. M. & Feindel, W. H.
- Sinclair, H. M. & Robb-Smith, A. H. T., *A history of teaching of anatomy in Oxford*, 1950, 85, 213-14, *rev.*
- Sinclair, J. D., *see* Berry, Richard J. A.,
- Sinclair, Joan E. C., *see* McKenzie, J.
- Sinety, on excision of mammary glands during lactation and glycosuria, 8, 427, *rep.*
- see also* De Sinety
- Singer, C., To Vesalius on the fourth centenary of his *De Humani Corporis Fabrica*, June, 1543, 77, 261-5; 80, 215, P.

- Singer, C. & Rabin, C., *A prelude to modern science (The tabulae anatomicae sex of Vesalius)* 1946. 81, 200, rev.
- Singer, E., *Fasciae of the human body and their relation to the organs they develop*, 1935. 71, 317, rev.
- Singer, R., The coronary arteries of the Bantu heart, 92, 634-5, P.
- Singh, I., Variations in the metacarpal bones, 93, 262-7
Squatting facets on the talus and tibia in Indians, 93, 540-50
Variations in the metatarsal bones, 94, 345-50
The terminal parts of the bile and pancreatic ducts and their musculature, 96, 383-8
The terminal part of the accessory pancreatic duct and its musculature, 96, 505-8
The terminal part of the accessory pancreatic duct and its musculature in the rhesus monkey, 97, 107-110
The prenatal development of enterochromaffin cells in the human gastro-intestinal tract, 97, 377-87
On argyrophile and argentaffin reactions in individual granules of enterochromaffin cells of the human gastro-intestinal tract, 98, 497-500
- Singh, M., Observations on the histology and histochemistry of the hairy and non-hairy parts of human skin, 94, 572-3, P.
- & McKenzie, J., The histology and histochemistry of the dermis in hairy and non-hairy parts of the human skin with special reference to baldness, 95, 569-74
Observations on the metachromasia of human hair follicles, 96, 317-20
- Singh, Shamer, Variations of the superior articular facets of atlas vertebrae, 99, 565-71
- Sinha, S. C., see De, M. N.
- Sinibaldi, Some rare forms of aberrant chordae tendineae, 39, 505, rep.
- Sinitzin, On trophic effects of sympathetic innervation of, 5, 399, rep.
- Sippel, On congenital malformations in the second family of a twice-married man, 42, 134-5, rep.
- Sirena, S., On development of teeth in reptiles and *Amphibia*, 6, 443, rep.
On myology of *Myiotes fuscus*, 6, 444, rep.
- Sisson, S., *The anatomy of the domestic animals*, revised by J. D. Grossman, 3rd ed. 1938. 73, 349, rev.
- Sissons, H. A., Experimental determination of rate of longitudinal bone growth, 87, 228-36
— & Hadfield, G. J., The influence of cortisone on the structure and growth of bone, 89, 69-78
- Sivasubrahmaniam, D., see Rau, R. K.
- Six Teachers, *Practical anatomy* (Stibbe, editor) 1932. 68, 431, rev.
Anatomy for dental students, edited by E. P. Stibbe, 1934. 69, 397, rev.
- Skinner, B. M., Note on the relative lengths of the first and second toes of the human foot, 66, 123-4
Note on statistics of supernumerary nipple in the male, 66, 124
- Skirving, A., see Ballantyne, J. W.
- Sklarek, see Arndt
- Skrebitzky, A., On movements of eyes 5, 399, rep.
- Slater, Henry H., On a tumour of the ovary in the common pheasant, 13, 91-2
- Slatford, Jean, see Thomas, P. K.
- Slavjansky, K., On retrogressive changes in epithelial cells of serous layer of the ovum of rabbit, 8, 170, rep.
On blood flow in relation to vasomotor stimulation, 9, 224-5, rep.
- Slavjansky, K. R., On Graafian follicles of human ovary, 5, 379, rep.
- Slessor, Bilateral absence of the parotid salivary gland, 36, 421, A.U.A.A.S.
- Slessor, A. & Wyburn, G. M., Bone formation, 81, 393-4, P.; 83, 61-2, P.
- Slome, D., editor, *Wound healing*, 1961. 96, 409, rev.
see also Beattie, J.
Beattie, J. & O'Shaughnessy, L. Causey, G.
- Slome, I., The Bushman brain, 67, 47-58
- Sloper, J. C., Histochemical observations on the neurohypophysis in dog and cat, with reference to the relationship between neurosecretory material and posterior lobe hormone, 88, 576-7, P.
Hypothalamic neurosecretion in the dog and cat, with particular reference to the identification of neurosecretory material with posterior lobe hormone, 89, 301-16
The presence of a substance rich in protein-bound cystine or cysteine in the neurosecretory system of an insect, *Leucophaea maderae*, 91, 577-8, P.
see also Arnott, D. G.
- Sluys, J. G. van der, On synovial membranes, 9, 395, rep.
- Smart, L., Evidence for the conditions existing in the 200 Å intercellular space of epithelial tissues, 97, 302-3, P.
The metabolic evolution of cells, 97, 312, P.
Myelinization as the establishment of a counter-current exchange mechanism, 97, 480-1 (dem.)
The evolution of neurone production in the vertebrate central nervous system, 98, 466-7, P.
The location of mitosis-capable neuron precursor cells in the mouse neural epithelium, 99, 212, P. (dem.)
Reconstruction of myelinated Schwann cells by 'unrolling', 99, 212-13, P. (dem.)
Growth and form of myelin, 100, 443-4, P. (dem.)
The ειδητικοί ἀρθροί applied to the deposition of myelin, 100, 444-5, P.
Two factors predisposing to the formation of compact myelin, 100, 445-6, P. (dem.)
see also Bremner, D.
- Smart, I. H. M., The operation of ependymal 'choke' in neurogenesis, 99, 947-3, P. (dem.)
- Smart, W. A. M., *Furneaux's Human physiology*, Nurses edition, 1935. 70, 185, rev.
- Smee, Alfred, *The mind of man*, 1875. 9, 387, rev.
- Smee, Alfred Hutchinson, On the physical nature of the coagulation of the blood, 7, 210-18
- Smelser, G. K., editor, *The structure of the eye*, Proceeding of the symposium held 11-13 April 1960, during the seventh International Congress of Anatomists, New York, 1961. 96, 303, rev.
- Smiddy, F. G., see Burwell, R. G. & Parsons, F. M.
- Smith, A case of diminution in number of carpal bones, 38, 372, rep.
- Smith, A. D. Buchanan, A case of superfoetation in the pig, 61, 329-32
Superfoetation—further cases in pigs and sheep, 62, 100-4
- Smith, A. H., On theory of chloroform as cause of death, 6, 493, rep.
- Smith, A. H. T. Robb-, see Robb-Smith, A. H. T.
- Smith, A. J. & Birmingham, A., Absent thoracic duct causing oedema of a foetus, 23, 532-6
- Smith, Barbara, Monoamine oxidase in the pineal gland, neurohypophysis and brain of albino rat, 97, 81-6; 97, 142, P.
- Smith, B. Owen-, see Owen-Smith, B.
- Smith, C. G., *Basic neuroanatomy*, 1961. 96, 409, rev.
- Smith, C. P. Wendell-, see Wendell-Smith, C. P.
- Smith, D., On structure of adult vitreous humour, 4, 159-60, rep.

Author Index

- Smith, E. Barclay**, Two rare vertebral anomalies, 36, 372-4,
Presentation to by the Society, 73, 670, P.
- Smith, E. Noble**, *see* Klein, E.
- Smith, F.**, Congenital malformation of the trachea of a horse, 19, 24-6
The histology of the skin of the horse, 22, 142-53
The histology of the skin of the elephant, 24, 493-503
- Smith, Sir Frederick**, Anatomical notes on the accessory organs of the eye of the horse, 56, 366-89
- Smith, G. C.**, Studies on the fluorescent properties of neurons, 100, 940, P.A.S.A.N.Z.
- Smith, G. Elliot (later Sir Grafton)**, An account of some rare nerve and muscle anomalies, with remarks on their significance, 29, 84-98
Note on a peculiar arrangement of the supra-scapular vein, 29, 99
The morphology of the true 'limbic lobe', corpus callosum, septum pellucidum and fornix, part I, 30, 157-67; part II, 30, 185-205; note, 30, 450
The structure of the cerebral hemisphere of *Ornithorhynchus*, 30, 465-87
The 'fornix superior', 31, 80-94
Observations on the morphology of the fornix and margin of the cerebral cortex, 31, xxxiv, P. (t.o.)
The relation of the fornix to the margin of the cerebral cortex, 32, 23-58
Further observations upon the fornix, with special reference to the brain of *Nyctophilus*, 32, 231-46
Further observations on the anatomy of the brain in the *Monotremata*, 33, 309-42
The calcar avis in the mammalian brain, 33, xxvii, P.
Morphology of the fornix and margin of the cerebral cortex, 32, xxi, P. (t.o.)
On the morphology of the cerebral commissures of mammals, 34, xlii, P. (July 1899)
Notes upon the natural subdivision of the cerebral hemisphere, 35, 432-54
On the homologies of the cerebral sulci, 36, 309-19
On the natural preservation of the brain in the ancient Egyptians, 36, 375-80
The primary subdivision of the mammalian cerebellum, 36, 381-5
On the presence of an additional incisor tooth in a prehistoric Egyptian, 36, 386
On the so-called 'gyrus hippocampi', 37, 324-28
Notes on the morphology of the cerebellum, 37, 329-32
Note on an abnormal colon, 38, 32-3
A note on an exceptional human brain presenting a pithecoïd abnormality of the Sylvian region, 38, 158-61
A note on the communication between the musculo-spiral and ulnar nerves 38, 162-3
The fossa parieto-occipitalis, 38, 164-9
New studies on the folding of the visual cortex and the significance of the occipital sulci in the human brain, 41, 198-207; 41, iv (June 1906)
Abnormalities of the pyramidal tracts, 41, 231; 41, iv (June 1906) (t.o.)
The causation of the symmetrical thinning of the parietal bones in ancient Egyptians, 41, 232-3; 41, iv (June 1906) (t.o.)
On certain peculiarities of brains lacking a corpus callosum, 41, 234-5
Asymmetry of the brain and skull, 41, 236
A new topographical survey of the human cerebral cortex, being an account of the distribution of the anatomically distinct cortical areas and their relationship to the cerebral sulci, 41, 237-54
- Studies in the anatomy of the pelvis, with special reference to the fasciae and visceral supports, part I, 42, 198-218; part II, 42, 252-70
On a brain lacking a corpus callosum, 43, 118, *rep.*
Note on an anomalous anastomosis between the internal carotid and basilar arteries, 43, 310-11
The localisation and interpretation of the nature of Sulci: demonstration of the lateral pelvic hiatus of Schwalbe; the persistence of the infantile type of bladder in many Negroes: irregular and anomalous dentition, 43, i, P. (June 1908) (t.o.)
A preliminary note on the morphology of the corpus striatum and the origin of the neopallium, 53, 271-91
A note on Professor Landau's memoir on 'The comparative anatomy of the nucleus amygdalae, the claustrum and the insular cortex', 53, 361-2
The origin of the frontal cortex, 59, 13-14, S.P.
The optic connections in the brain, and the need for a revision of the traditional description of this in the current text-books of anatomy, 63, 164-5, P.
The cortical representation of the macula, 64, 477-8
The influence of the development of the macula on the cortex, 65, 169, P.
Cast of *Sinanthropus*, (Java man), 65, 178, P. (t.o.)
The significance of the Peking man, 66, 140, P.
Structural revolution in the central nervous system, 66, 147, P.
A preliminary communication upon the cerebral commissures of the mammalia, with special reference to the monotremata and marsupialia, 71, 528-43
— & Hunter, J. I., The reconstruction of the Piltdown skull, 59, 38-40, S.P.
Contributions to neurology (Woollard) 72, 280-94
Smith, G. J., Malcolm, Notes of a dissection of an excised elbow, 8, 380-2
Smith, I. Darian-, *see* Darian-Smith, I.
Smith, John, On morphology of the cleft palate, 1, 151, *rep.*
Smith, John Alexander, Notice of tracheomphroditism in the cod-fish (*Morrhua vulgaris*) and in the herring (*Clupea harengus*), 4, 256-8
On *Cervus alces* (elk) found in Britain, and *Megaceros hibernicus*, found in Scotland, 7, 336, *rep.*
— & Turner, William, Observations on some negro crania from old calabar, West Africa, 3, 385-9
Smith, J. Greig, Observations on the histology of fracture repair in man, 16, 153-91
Note on the action of the ureters as observed during an operation for the removal of an abdominal tumour, 22, 496-7
Smith, J. Lorrain, *Growth*, ed. by Haldane, 1932. 67, 486, *rev.*
Smith, J. P., Anatomical features of the human renal glomerular efferent vessel, 90, 290-2
Smith, J. W., On sternalis muscle, 26, 441, *rep.*
Some points in the surgical anatomy of the rectum, 47, 350-5
Limitation of movements at the subtalar and calcaneocuboid joints, 84, 75, P.
The activity of leg and foot muscles in standing, 85, 415, P.
Muscular control of the arches of the foot in standing: an electromyographic assessment, 88, 152-63
The elastic properties of the anterior cruciate ligament of the rabbit, 88, 369-80
The elastic nature of the articular mechanism at the human knee joint, 88, 550, P.
Observations on the postural mechanism of the human knee joint, 90, 236-60

- Smith, J. W., The forces operating at the human ankle joint during standing, 91, 545-64
The ligamentous structures in the canalis and sinus tarsi, 92, 616-20; 88, 585, P.
Collagen fibre patterns in mammalian bone, 94, 329-44
Observations on the form and orientation of epiphyseal cartilages, 94, 579-80, P.
Fibrous epiphyseal plates in mammalian bones, 95, 280, P.
The relationship of epiphyseal plates to stress in some bones of the lower limb, 96, 58-78
The structure and stress relation of fibrous epiphyseal plates, 96, 209-25
Collagen and water concentration in osteones, 97, 147-8, P.
Variations of water content of bone at the microscopic level, 97, 642-3, P.
E.M. study of collagen/mucopolysaccharide relationship in the nucleus pulposus of the young rabbit, 99, 196-7, P.
—, Serafini-Fracasini, A. & Peters, T., The protein-polysaccharide of cartilage and its relationship to collagen, 100, 689, P.
— & Walmsley, R., Elastic after-effect, plasticity and fatigue in bone, 91, 603-4, P.
Factors affecting the elasticity of bone, 93, 503-23
Age changes in the structure of secondary osteones in human bone, 93, 576, P.
see also Frame, J. & Candlish, J. K.
Walmsley, R.
Smith, Mary Barclay, Reply to presentation to her Father, Professor E. Barclay Smith, 73, 670, P.
Smith, N. Ross, A note on the so-called 'disuse' atrophy of muscle, 62, 238-40
Smith, R. N., The arrangement of the ansa spiralis of the sheep colon, 89, 246-49
Further observations on the colon primum of the sheep, 89, 579, P.
Ossification patterns in twin and triplet sheep foetuses, 90, 581, P.
— & King, A. S., The cross-section-area of the intervertebral disc of the dog, 93, 590, P.
—, Lee, D. G. & King, A. S., Cross-sectional area of the end-surfaces of cat vertebrae, 94, 580, P.
— & Meadows, G. W., The arrangement of the ansa spiralis of the ox colon, 90, 523-6
Smith, Sydney, Note on the staining of sections while embedded in paraffin, 34, 151-2
Polydactyly, 59, 72, S.P.
Note on the ossification of the scapula, 59, 387
Note on an accessory centre of ossification in the lower jaw, 59, 388-9
A contribution to the study of the modern Egyptian cranium, 60, 121-30
— & Boulgakoff, Boris, A case of polydactyly shewing certain atavistic characters, 58, 359-67
Two cases of misplaced fixed kidneys, 59, 188-91
A case of dicephalus, dibrachius, dipus showing certain features of embryological interest, 61, 94-104
A case of cyclopia, 61, 105-11
Smith, S. A., A case of fusion of the semilunar and cuneiform bones (os lunato-triquetrum) in an Australian aboriginal, 42, 343-6
Smith, S. Maynard, & Jenkins, G. J., Watersheds of the peritoneum, 40, xvii, P. (t.o.)
see also Jenkins, G. J.
Smith, T., On a case of ectopia vesicae, 2, 401-2, rep.
see also Cunningham, D. J.
Smith T. Manners-, see Manners-Smith, T.
Smith, W. F. C., On a derodyme monster, 35, 501, rep.
- Smith, W., Ramsay A case of hermaphroditism in a common frog (*Rana temporaria*) 24, 218-19
Illustrations of zoology, invertebrates and vertebrates, 1889. 24, 613, rev.
An abnormal arrangement of the right subclavian artery in a rabbit, 25, 325-6
The muscular mechanism of walking, 25, 566-70
A case of abnormality of the finger nails, 26, 406-8
On the long sensory root of the ciliary ganglion as figured by Cloquet, 28, 408-10
Abnormalities in the sacral and lumbar vertebrae of the skeletons of Australian aborigines, 37, 359-61
Some rare abnormalities in teeth, 41, 216-20
The evolution of man's teeth, founded upon a study of the development of the teeth of the Australian aboriginal, 42, 126-31
Further observations on the development of the teeth of the Australian aboriginal, 42, 226-35
On rare abnormalities of the teeth, 43, 119, rep.
Paramastoid process, 43, 192, anat. not.
Delimitation of the regions of the abdomen, 27, 285
Smith Woodward, A. see Woodward, A. Smith
Smout, C. F. V., Dissections of comparative anatomy, equine spleen, racing and non-racing, testis, and mammalian uteri, demonstration, 72, 614, P.
Model of cranial nerve nuclei, 76, 229, P.
A pseudo-hermaphrodite, 80, 216, P.
— & Jacoby, F., *Gynaecological and obstetrical anatomy*, 2nd ed. 1948. 83, 44, rev.
— & McDowall, R. J. S., *Anatomy and physiology for students of physiotherapy, occupational therapy and gymnastics*, 2nd ed., 1947. 81, 334, rev.
see also Bacsich, P.
Smyth, Walter, On absence of pectoralis minor and sterno-costal portion of pectoralis major in living boy, 32, xxi-ii, P.
Smythies, J. R. & Inman, O. R., The effect of post-mortem autolysis on synaptic terminals in cerebral cortex of dog, 94, 241-3
see also Pfeiffer, C. C.
Sneath, R. S., The insertion of the biceps femoris, 89, 550-3
Sneath, W. A., An apparent third testicle consisting of a scrotal spleen, 47, 340-2
Snell, R. S., Some observations on the distribution of cholinesterase in the spinal cord and hindbrain, 93, 561, P.
The effect of female sex hormones on melanin pigmentation, 94, 453-4, P.
A study of the melanocytes and melanin in a healing deep wound, 96, 419, P.
The effect of nerve section on the histochemical appearances of cholinesterase in a mixed peripheral nerve, 91, 588, P.
The histochemical localization of cholinesterase in the superior cervical sympathetic ganglion, 91, 597-8, P.
The histochemical appearances of cholinesterase in the superior cervical sympathetic ganglion and the changes which occur after preganglionic nerve section, 92, 408-18
The histochemical appearances of cholinesterase in the parasympathetic nerves supplying the submandibular and sublingual salivary glands of the rat, 92, 534-43; 92, 641, P.
A study of the effect of the beta melanocyte stimulating hormone of the pituitary on the melanocytes and melanin in the skin, 97, 142, P.
A study of the melanocytes and melanin in a healing deep wound, 97, 243-53

- Snell, R. S. & Bischitz, P. G.**, The melanocytes and melanin in human abdominal wall skin: a survey made at different ages in both sexes and during pregnancy, 97, 361-76
- & **Garrett, J. R.**, The histochemical appearances of cholinesterase in the submaxillary and sublingual salivary glands of the rat, 91, 575-6, *P.*
see also Bischitz, P. G.
Nicol, T.
- Snellen, H. & Miller, H. G.**, on susceptibility of animals to cholera infection, 2, 197-8, *abs.*
see also Rosow, B.
- Soboroff**, On position of vasomotor centre in frog, 6, 476, *rep.*
- Soboroff, S.**, On structure of normal and dilated veins, 6, 437, *rep.*
- Soborow**, On excretion of lime in urine, 7, 355, *rep.*
- Sobotta, A.**, Homologous twins, 36, 301, *rep.*
- Society for Experimental Biology**, Symposia No. XVI, *Biological receptor mechanisms* (ed. by Beament) 1962. 97, 466, *rev.*
- Society of General Physiologists**, *Macromolecular complexes*, sixth annual symposium edited by M. V. Edds, 1961. 96, 134, *rev.*
- Socoloff**, On suppression of perspiration, 7, 188-9, *rep.*
- Socoloff, N.**, On the secretion of the liver, 10, 650, *rep.*
On secretion of bile by liver, 11, 204, *rep.*
On human bile, 11, 565, *rep.*
- Soffianti**, On thoracic vertebra and ribs, familial supernumerary, 28, 375, *rep.*
- Soffiantini, G.**, *Sezione mediana verticale antero-posteriore mediante congelamento di cadavere al sesto mese di gestazione*, 1891. 31, 166, *rev.*
- Sohier Bryant, W.**, see Bryant, W. Sohier
- Sokolow, A.**, On changes of nerve-endings of muscle of frog after section of nerves, 9, 218, *rep.*
- Sokolow, O. & Luchsinger, B.**, on Cheyne-Stokes phenomenon, 16, 146, *rep.*
- Solomon**, On an achondroplastic foetus, 42, 133, *rep.*
- Solowieff, A.**, on changes in the liver after occlusion of the portal vein, 9, 437, *rep.*; 7, 187, *rep.*
- Solowy**, On observations on pseudo-hermaphroditism, 33, 682 (*ref. only*)
- Soltmann, O.**, on development of electrical excitability of the cerebrum, 9, 407, *rep.*
On functions of the brain in the newborn, 11, 541-2, *rep.*
- Solucha**, On functions of the semi-circular canals, 8, 400-2, *rep.*
- Somerville, B.**, Anthropological notes on the New Hebrideans, in *J. Anthropol. Inst.*, May. 1894. 29, 144, *rev.*
- Sonnberg**, A case of foetus papyraceus, 37, 302, *rep.*
- Sonnenschein**, On forensic test for blood, 7, 346, *rep.*
- Sonntag, C. F.**, On the vagus and sympathetic nerves of the mammalia, 59, 8-11, *S.P.*
The morphology and evolution of apes and man, 1924. 59, 224, *rev.*
Notes on the evolution of the tongue, 60, 472, *P.*
- Sorel & Cherot**, On a case of pseudo-hermaphroditism, 33, 505 (*ref. only*)
- Sorensen, W.**, Are the extrinsic muscles of the air-bladder in some *Siluroideae* and the 'elastic spring' apparatus of others subordinate to the voluntary production of sounds? What is, according to our present knowledge, the function of the Weberian ossicles, 29, 109-39; 29, 205-29; 29, 399-423; 29, 518-52
- Sorour, Mustafa Fahmy**, see Hamdy, M.
- Sorsby, A. & Sheridan, M.**, The eye at birth: measurements of the principal diameters in forty-eight cadavers, 94, 192-7
- Soulie** see Tourneux
- Souligoux & David**, On a case of macrodactyly, 42, 139, *rep.*
- Soury, Jules**, *Le systeme nerveux central, structure et fonctions, histoire critique des théories et des doctrines*, 1899. 34, 283-4, *rev.*
- Souter**, Case of congenital absence of continuity between the large and small intestine, 39, 507, *rep.*
see also Wellington
- Southall, G. & Haycraft, J. B.**, Note on an amyolytic ferment found in the gastric mucous membrane of the pig, 23, 452-4
- Southam, J. A.**, The inferior mesenteric ganglion, 93, 304-8
- Southwell, J. M.**, see Ho, A. K. S. & Schofield, G. C.
Schofield, G. C.
Schofield, G. C. & Southwell, J. M.
Schofield, G. C., Southwell, J. M. & Alexander, R.
- Southwood, A. R.**, Partial absence of the ulna and associated structures, 61, 346-51
- Soxlet**, On contributions to physiological chemistry of milk, 7, 355, *rep.*
- Soybeyran & Némorin**, Malformation of upper limb, 38, 371, *rep.*
- Spaeth**, On a case of *Uterus bilocularis*, 1, 152, *rep.*
- Spalding, Douglas**, On instinct, 7, 340, *rep.*
- Spalteholtz, W.**, Stereoscopic photographs illustrating the distribution of the arteries in the human skin, 31, xxxvii, *P. (t.o.)*
Reticulated tissue, 31, xxxviii, *P. (t.o.)*
On distribution of arteries in the human skin, 32, ii, *P.*
Reticulated tissue: its relation to the cells, and its arrangement in different organs, 32, xvi-iii, *P.*
Hand atlas of human anatomy, edited and translated by L. F. Barker, 2nd English ed. c. 1909. 41, 91, *rev.*
Hand atlas of anatomy, 7th ed., edited and translated by L. F. Barker, n. d., c. 1921. 58, 284, *rev.*
see also His, W.
- Spalteholz-Spanner Handatlas der Anatomie des Menschen** (ed. by Spanner) vol. 1., 16th ed. 1959-61. 95, 600, *rev.*
- Spanner, R.** editor, *Spalteholz-Spanner Handatlas der Anatomie des Menschen*, vol. 1, 16th ed. 1959-61. 95, 600, *rev.*
- Spearman, R. I. C.**, The structure of epidermal keratin, 94, 293, *P.*
see also Cane, A. K.
- Speck**, On influence of food on the consumption of oxygen and excretion of CO₂ in man, 9, 425, *rep.*
- Spedl, Anton**, On the phrenic nerve, 7, 330, *rep.*
- Spence**, On the effect of strychnine on the cells of the spinal cord, 1, 360, *rep.*
- Spence, T. F.**, see Ashton, E. H., Healy, M. J. R., Oxnard, C. E. & Spence, T. F.
- Spencer, Harrison, H.**, see Harrison, H. Spencer
- Spencer, Herbert**, *The Principles of Psychology*, 2nd ed. 7, 339, *rep.*
- Spencer, H. & Leof, D.**, The innervation of the human lung, 98, 599-609
- Spencer, H. R.**, Ossification in the head of the humerus at birth, 14/180 cases, 25, 552-6; 25, xviii, *P. (t.o.)*
- Spicer**, On a case in which the upper part of the oesophagus ended blindly, 43, 120, *rep.*
- Spicer, John Evan**, The development of the male urethra, and a case of imperforate urethra in a foetus, fully described, 43, 195-224
- Spiers, B. G.**, see Hamilton, W. J. & Brown, D.
- Spiller**, On a case of syringomyelia, 42, 134, *rep.*

- Spina, Arnold, On the structure of tendons, 8, 162, *rep.*
- Spira, E., Farin, I. & Karplus, H., The capillary conducting channels in the distal epiphyses of radius and ulna of the rabbit, 97, 255-8
- Spiró, On the innervation of the glottis of the frog, 9, 232, *rep.*
- Spiro, S. G. & Bulmer, D., An investigation into the intrinsic innervation of the uterus, 99, 421-2, *P.*
- Sprague, J. M., Anatomical localisation of excitation and inhibition in the spinal cord, 90, 590, *P.*
- Sprague, J. M. & Meyer, Margaret, An experimental study of the fornix in the rabbit, 84, 354-68
see also Thomas, D. M., Kaufman, R. P. & Chambers, W. W.
- Sprenkel, H., Berkelbach van der, Microscopical investigation of the innervation of the tooth and its surroundings, 70, 233-41
- Spriggs, On a case of cleido-cranial dysostosis, 43, 124, *rep.*; 44, 100, *rep.*
- Spriggs, T. L. B., Lever, J. D., Rees, P. M. & Graham, J. D. P., A short fluorescence technique for the demonstration of adrenergic nerves, 100, 688, *P.*
- Sprinz, R., Temporo-mandibular meniscectomy in rabbits, 88, 514-19; 88, 551, *P.*
Regeneration of the articular surfaces of the mandibular joint in rabbits, 89, 578, *P.*
Further observations on the mandibular meniscus in rabbits, 91, 583-4, *P.*
The role of the meniscus in the healing process, following excision of the articular surfaces of the mandibular joint in rabbits, 97, 345-52
- Sprott, Mary S., Development of an arterial collateral circulation to the rat testis, 91, 596, *P.*
- Squarry, On effect of veratrum viride on body temperature, 5, 206, *rep.*
- Strivastava, H. C., *see* Shah, A. C.
- Ssubotin, On the influence of diet on the composition of milk, 1, 159-60, *rep.*
- Stacey Wilson, T., *see* Wilson, T. Stacey
- Stacey, J. E., Congenital absence of the vagina, 59, 100-2, *S.P.*
- Stacey, R. S., A rare malformation of the hand, 72, 456-7
- Stack, H. G., Muscle function in the fingers, 98, 477, *P.*
- Stack, M. V. & Fearnhead, R. W., editors, *Tooth enamel: its composition, properties and fundamental structure*, 1965 100, 416, *rev.*
- Stacy, B. D., *see* Thorburn, G. D.
- Stadler, G., On composition of egg yolk, 2, 180, *rep.*
- Stadion, On estimation of uric acid in urine, 4, 321, *rep.*
- Stahr, On the lymphatic glands of the submental and submaxillary region, 33, 504 (*ref. only*)
On connexion of prostatic and vesical lymphatics, 33, 683 (*ref. only*)
- Stallworthy, J. A., A case of enlarged parietal foramina associated with metopism and irregular synostosis of the coronal suture, 67, 168-74
- Stamm, T. T., The constitution of the ligamentum cruciatum cruris, 66, 80-3, 66, 139, *P.*
- Stanfield, J. P., The blood supply of the human pituitary gland, 94, 257-73
- Stanier, J. P. & Young, J. Z., The optic chiasma of cephalopods and the significance of crossed tracts, 89, 571, *P.*
- Staple, P. H., editor, *Advances in oral biology*, vol. 1, 1964, 99, 190, *rev.*
- Starck, D., *Embryologie, Ein Lehrbuch auf allgemeiner biologischer Grundlage*, 1955, 90, 559, *rev.*
The chondrocranium of an embryo of the chimpanzee of 71 mm. CR length, 93, 588, *P.*
see also Hofer, H. & Schultz, A. H.
- Starkie, C. & Stewart, D., Demonstration of the constituents of the inferior dental nerve plexus, 63, 176, *P. (i.o.)*
The intra-mandibular course of the inferior dental nerve, 65, 319-23
- Starkow, On toxic action of benzene, nitroglycerine, nitric and sulphuric acids, 8, 222-3, *rep.*
- Staveley, Abnormalities of the uterus, 37, 308, *rep.*
- Steckmetz, F., Rudimentary penis, 32, 792, *rep.*
- Steege, T., *see* Hermann, L.
- Steel, F. L. D., Further observations on the 'carrying angle', 92, 634, *P.*
The sex of isolated femora, 92, 653, *P.*
The effect of an increased gravitational field on the growth of rats, 94, 284, *P.*
— & Tomlinson, J. D. W., The 'carrying angle' in man, 92, 315-17; 91, 604, *P.*
- Steel, G., On apparatus for nitrogen estimation of urea, 9, 241, *rep.*
- Steele, Elizabeth J. & Blunt, M., The blood supply of the optic nerve and chiasma in man, 90, 486-93; 90, 564-5, *P.*
- Stefani, A., On effect of respiration on blood-pressure, 11, 558-9, *rep.*
- Stehbens, W. E. & Meyer, E., Ultrastructure of endothelium of the frog heart, 99, 127-34
- Steinauer, E., On action of bromal-hydrate, 5, 203, *rep.*
- Steinberg, On the estimation of total volume of blood, 7, 347, *rep.*
On estimation of the absolute quantity of blood, 8, 197-8, *rep.*
- Steindler, A., *Mechanics of normal and pathological locomotion in man*, 1935, 70, 586, *rev.*
- Steiner, On formation of colouring matter of bile, 8, 209, *rep.*
On Wistinghausen's endosmotic experiment on the action of the bile in the absorption of neutral fat, 8, 209, *rep.*
On diabetes and the glycogenic function of the liver, 8, 209, *rep.*
On haematogenous origin of bile pigments, 8, 420, *rep.*
- Steiner, J., On action of curara, 10, 220, *rep.*
On emulsions and their value for the absorption of neutral fat in small intestines, 11, 559, *rep.*
On warming of muscle during extension, 11, 568, *rep.*
see also Bernstein, J.
- Steinhaus, F., Congenital deficiencies of the tibia, 36, 306, *rep.*
- Steinlin, W., On the rods and cones of the retina, 3, 199, *rep.*
- Steinman & Cyon, On influence of posterior roots of spinal nerves on excitability of anterior, 6, 221-2, *rep.*
see also Cyon
- Stemberg, N. J. A. C., Exudation of erythrocytes and leucocytes, 3, 248-9, *n.*
- Stephan, Heinz, *see* Andy, Orlando J.
- Stephens, F. D., *Congenital malformations of the rectum, anus and genito-urinary tracts*, 1963, 98, 281, *rev.*
- Stephenson Richmond, W., *see* Richmond, W. Stephenson
- Sterling, P. & Kuypers, H. G. J. M., Simultaneous demonstration of normal boutons and degenerating nerve fibres and their terminals in the spinal cord, 100, 723
- Stern, K., Thalamo-frontal projection in man, 76, 302-7
- Stern, Ruby O., A note on the occurrence and nature of the pigment in the pars nervosa of the human hypophysis, 66, 618-21

Author Index

- Sternberg**, A case of defective development of the urogenital tract, 44, 103, *rep.*
 A case of uterus bipartitus, 44, 104, *rep.*
 A case of atresia ani, 44, 104, *rep.*
 — & **Latzko**, The nervous system of an anencephalic foetus, 39, 500, *rep.*
- Sternberg, W.**, A case of fissura sterni, 35, 504, *rep.*
- Steven, D. H.**, The distribution of external and internal ophthalmic arteries in the ox, 98, 429-35
- Stewart**, Pineal eye from *Varanus salvator*, 24, xv, *P.*
 Scalp of an adult negro, 25, iii, *P.*
- Stewart, A. D. G.**, *see* Boyde, A.
- Stewart, C.**, Cutaneous fold from the neck of a goat, 23, xxv, *P.*
- Stewart, D.**, The problem of the innervation of the dentine, 61, 439-51; 61, 489, *P. (t.o.)*
 Further observations on the innervation of the teeth and the fibres of Mummery, 63, 1-6
 Innervation of dental tissues, 70, 193, *P. (t.o.)*
 The action of the calf muscles in the rabbit, 71, 137, *P. (disc. only)*
 Repair of tendons, 71, 154-5, *P.*
 Variations from normal gait after muscle section in rabbits, 72, 101-8
 The effect of the complete removal of muscles on the gait of the rabbit, 73, 617-25; 73, 668-9, *P. (disc. only)*
- & **Lewinsky, W.**, The innervation of the gum of *Talpa europea*, 73, 667, *P. (disc. only)*
- & **Wilson, S. L.**, Regional anaesthesia and the innervation of the teeth, 63, 167-8, *P.*
see also Gooding, H.
 Jefferson, G.
 Lewinsky, W.
 Ridehalgh, E.
 Starkie, C.
- Stewart, J.**, *see* Gemmill, J. F.
- Stewart, J. O.**, *see* Charlton, C. A. C., Higton, D. I. R., James, D. W. & Nicol, A. R.
- Stewart, M. J.**, *see* Brash, J. C.
- Stewart, T. D.**, Cervical intercostal articulation in North American Indian, 69, 124-6, *anat. not.*
- Stewart, T. Grainger**, On a case of congenital malformation of the Fallopian tubes, 2, 243-5
- Stezinsky**, *see* Bezold, A. von
- Stibbe, E. Philip**, The internal mammary lymphatic glands, 52, 258-64
 The accessory pulmonary lobe of the vena azygos, 53, 305-14
 Demonstrations of the comparison of the heads of certain South African tribes, 61, 515-16, *P.*
 A comparative study of the nictitating membrane of birds and mammals, 62, 159-76; 61, 503, *P.*
 Divided occipital condyle, 63, 157, *P.*
 Demonstrations: Right aortic arch; Tracheal diverticulum; A skull showing large parietal foramina; A skull showing exaggerated grooving of the temporal region; An abnormal thenar muscle; A specimen showing enlargement of the diploic veins, 63, 162, *P. (t.o.)*
- Skull**, showing perforations of parietal bone, or enlarged parietal foramina, 63, 277-8, *anat. not.*
- Skull** showing exaggerated grooving of the temporal region, 63, 278-9, *anat. not.*
- True** congenital diverticulum of the trachea in a subject showing also right aortic arch, 64, 62-6
- Complete** absence of the quadratus femoris, 64, 97, *anat. not.*; 64, 119, *P.*
- A** bursal sac in the substance of the subscapularis, 64, 98, *anat. not.*; 64, 119, *P.*
- Sensory** components of the motor nerves of the eye, 64, 112-13, *P.*
- Specimens** showing right lung showing only one fissure, lateral thoracic branch of internal mammary artery, 64, 127-8, *P.*
- An introduction to physical anthropology**, 1930. 65, 155-6, *rev.*; 2nd ed. 1938. 72, 636-7, *rev.*
- Afferent** fibres of the eye muscle nerves, 65, 176-7, *P.*
- Specimen** of cyclopia, 66, 140, *P.*
- A** rare case of diaphragmatic hernia, 67, 194, *P. (disc. only)*
- editor**, *Practical anatomy* by Six Teachers, 1932. 68, 431, *rev.*
- editor**, *Anatomy for dental students* by Six Teachers, 1934. 69, 397, *rev.*
- The** disposition of the fibres of the sensory root of the trigeminal nerve, 71, 138-9, *P.*
- A** specimen of a heart with corrected transposition, 71, 139, *P.*
- Classification** of joints, 71, 145-6, *P.*
- Hydrocephalus** (Haler's case) 71, 146, *P.*
see also Bacsich, P.
 Davies, F.
- Sticker**, On histology of the mammary gland, 33, 682 (*ref. only*)
- Stieda, L.** on a case of a pair of cervical ribs springing from the 7th cervical vertebra, 1, 357, *rep.*
 On central nervous system in osseous fishes, 3, 199, *rep.*
 On accessory ossicles of the tarsus, 3, 447-8, *rep.*
 On central organs of the nervous system, 4, 162-3, *rep.*
 On processus marginalis of malar [zygomatic] bone, 5, 192, *rep.*
 On structure of *Polystomum integerrimum*, 5, 387, *rep.*
 On nerve fibres of mouse's ear and bat's wing, 6, 443, *rep.*
 On development of bone in membrane and cartilage, 7, 326-7, *rep.*
 On innervations of hairs, 8, 175, *rep.*
- Stiénon**, *see* Heger, P.
- Stieve, H.**, *Der Einfluss des Nervensystems auf Bau und Tätigkeit der Geschlechtsorgane des Menschen*, 1951. 86, 333, *rev.*
- Stiles, Harold**, on the mastoid region, 33, 350 (*ref. only*)
- Stiles, H. J.**, Skiagraphy after injection of the blood-vessels with mercury, 32, 83-91; 32, iii, *P. (t.o.)*
- Stilling, J.**, On acquired colour blindness in man, 11, 548, *rep.*
- Stirling, A. B.**, Description of a section cutter for microscopical purposes, 4, 230-4
 Note on the presence of *Trichina spiralis* in the muscles of the rat, 6, 425-6
 Note on tubercular disease affecting the common pheasant, 13, 92-3
 Note on a curious habit of the *Malapterus electricus*, 13, 350-2
- Stirling, William**, Report on physiology, 8, 179-216; 8, 395-431; 9, 208-248; 9, 407-450; 10, 202-22; 10, 619-58; 11, 184-208; 11, 541-75; 16, 137-49
 On a new method of preparing the skin for histological examination, 10, 185-6
 Note on the effects of division of the sympathetic nerve of the neck in young animals, 10, 511-12
 On the summation of electrical stimuli applied to the skin, 10, 324-76
 Contributions to the anatomy of the cutis of the dog, 10, 465-74
 Note on the action of diluted alcohol on the blood-corpuscles, 10, 778-9
 On the extent to which absorption can take place through the skin of the frog, 11, 529-32

- Stirling, William**, On double and treble staining of microscopic specimens, 15, 349-54
 Historical references to the structure of nerve fibres, 15, 446-7, *anat. not.*
 On some points in the histology of the newt, 16, 94-5
 On the nerves of the lungs of the newt, 16, 96-105
 A simple method of demonstrating the nerves of the epiglottis, 17, 203
 The trachealis muscle of man and animals, 17, 204-6
 The sulphocyanides of ammonium and potassium as histological reagents, 17, 207-10
 On the ferments or enzymes of the digestive tract in fishes, 18, 426-35
 Dry cover-glass microscopical preparations, 24, 160-6
 Some recent and some new histological methods, 24, 601-10
Outlines of practical histology, 1890, 24, 613, *rev.*
 On the effect of certain drugs on the reflex excitability of the spinal cord, 26, 375-90
 — & Brito, P. S., On the digestion of blood by the common leech, and on the formation of haemoglobin crystals, 16, 446-57
 — & Macdonald, J. F., The minute structure of the palatine nerves of the frog, and the termination of nerves in blood-vessels and glands, 17, 293-307
see also Kronecker and Stirling
Stock, W. S. V., Corrosive preparations of the middle and external ear, 44, iii, *P. (t.o.)*
Stockard, On the effects of various solutions on the eggs of *Fundulus heteroclitus*: and a description of the artificial production of the single median cyclopean eye, 43, 115, *rep.*
 Experiments on eggs of *Fundulus heteroclitus*, 44, 96, *rep.*
Stockman, R., The action of benzoylecgonin, 21, 46-58
Stockvis, On albuminuria, 3, 241, *rep.*
 On fluorescent derivative of reduced blood-pigment, 6, 248, *rep.*
 Absorption and assimilation of albumin, 6, 487, *rep.*
 On absorption of albumin (Bence-Jones protein) 6, 487-8, *rep.*
 On bile derivatives, 6, 247-8, *rep.*
 On the fluorescent product of reduced haemoglobin, 6, 457, *rep.*
 On oxidation products of bile pigments produced in Gmelin's reaction, 7, 352, *rep.*
Stockwell, R. A., Lipid content of rabbit hyaline and articular hyaline cartilage, 97, 146, *P.*
see also Barnett, C. H., Cusick, E. T. & Stockwell, R. A.
 Cochran, W., Davies, D. V. & Palfrey, A. J.
 Davies, D. V. & Cochran, W.
Stohmann, On consumption and excretion of nitrogen in milk goats, 4, 181, *rep.*
Stöhr, Jr, P. L., *Handbuch der mikroskopischen Anatomie des Menschen*, Band IV, Teil 5, *Mikroskopische Anatomie des vegetativen Nervensystems*, 1957, 92, 490, *rev.*
Stokes, Adrian, Abnormal position of the heart and great blood-vessels associated with transposition of the viscera, 43, 301-7
Stokvis, *see* Stockvis
Stolnikow, J., on a new method of estimating albumen in urine, 11, 566, *rep.*
Stone, Congenital absence of the gall-bladder, 44, 104, *rep.*
Stone, L. S., Films of (I) Return of vision and functional polarization in retinae of transplanted salamander eyes, and (II) Development of the pouch young opossum, *Didelphys virginiana*, 81, 397-8, *P.*
Stoneman, W. E., A case of teratological duplication in the sparrow, *Passer domesticus*, L., 66, 430-1, *anat. not.*
Stoner, P. Butler, Effect of stimuli on the secretion of the parotid gland, 7, 161-2
Stoney, F. A., Oesophagus with 2 well-marked diverticula, 34, ii-iii, *P.* November 1899
Stoney, R. Atkinson, The anatomy of the visceral pelvic fascia, 38, 438-47
Stonham, C., *see* Godlee, Rickham
Stopford, J. S. B., A note on the significance of certain anomalies of the renal and spermatic arteries, 48, 81-5
 The supracondylar tubercles of the femur and the attachment of the gastrocnemius muscle to the femoral diaphysis, 49, 80-4
 The arteries of the pons and medulla oblongata, part I, 50, 131-64; part II, 50, 255-80; part III, 51, 250-77
 The variation in distribution of the cutaneous nerves of the hand and digits, 53, 14-25
 Tactile localisation, 55, 249-55
 The nerve supply of the interphalangeal and metacarpophalangeal joints, 56, 1-11; 59, 14, *S.P. (t.o.)*
 The anatomy of so-called deep sensibility, 57, 199-202
 The function of the spinal nucleus of the trigeminal nerve, 59, 120-8
 The great vein of Galen, 63, 175-6, *P.*
 The protective and discriminative divisions of sensation, 63, 285-90
 The functional significance of the arrangement of the cerebral and cerebellar veins, 64, 257-61
see also Telford, E. D.
Stopnitzki, On the arrangement of the loops of small intestine and of the jejuno-iliac mesentery, 33, 354 (*ref. only*)
 On the anatomy of the human intestine, 33, 504 (*ref. only*)
 On Sommer's movements (rigor mortis) 10, 651, *rep.*
Stott, C. F., A note on the scalenus minimus muscle, 62, 359-61, *anat. not.*
Stouffs, Congenital absence of long bones with hare lip, 34, 422, *rep.* (1 case)
Stoven, On dextrocardia, 1 living case, 29, 466, *rep.*
Stoyanov, On cases of polymastia and polythelia, 33, 503 (*ref. only*)
 Polythelia and polymastia, 34, 418, *rep.*
Straaten, J. J. van, *see* Nauta, W. J. H.
Strachan, Gilbert I., Observations on the popliteal groove on the femur, 50, 204-6
Strachan, J. M., on histology of the cerebellum, 4, 158, *rep.*
Strahl, On the development of the mammary organ, 33, 354 (*ref. only*)
Strangeways, D. H., *see* Redfearn, E. R.
Strangeways, Thomas, On a supernumerary oblique muscle of the eyeball [of the ass] 2, 245-6
 — & Goodsir John, *Descriptive anatomy of the horse and domestic animals* (ed. by Johnston & Call) 1870, 4, 293-4, *rev.*
Strangeways' Veterinary anatomy (edited by Vaughan) 2nd ed., 1879, 14, 271, *rev.*
Strassburg, On the influence of acids on the oxygen of haemoglobin, 6, 457, *rep.*
 On test for bile acids in urine, 6, 468, *rep.*
 On tensions of gases in animal organism, 7, 347, *rep.*
Strasser, H. von, *Alle und neue Probleme der Entwicklungsgeschichtlichen Forschung auf dem Gebiete des Nervensystems*, 1893, 28, 380, 382, *rev.*

- Strassmann**, On twins and double-formations, 40, 295, 296, *rep.*
Multiple formations, 40, 296, *rep.*
- Stratmann, C. J.**, Estimation of deoxyribonucleic acid in ganglion cells by microphotometry of Feulgen-stained sections, 92, 646, P.
see also Causey, G.
- Stratton, Kathleen**, *see* Blunt, M. J.
- Straus, W. J.**, The structure of the primate kidney, 69, 93-108
The embryology of muscular activity in the white rat, 72, 470-1, P.
- & **Weddell, G.**, The earliest reactions of mammalian skeletal muscle to electrical stimulation of measured frequency, 72, 625, P.
see also Hartman, C. G.
- Streeter, G. L.**, Demonstration of the 'Lewis Gregory Film' showing the early stages of segmentation of the living rabbit egg, 63, 166, P. (*t.o.*)
- Strelzoff**, On coloration of bone by madder feeding, 8, 425, *rep.*
- Strelzoff, Z. J.**, On growth of bone, 9, 388, *rep.*
- Stricht, O. van der**, The blastocyst of the dog, 58, 52-3; 59, 65-66, S.P.
- Stricker**, On the structure and origin of capillaries, 2, 397, *rep.*
On decomposition of uric acid, 3, 241, *rep.*
- & **Albert**, On the temperature of the heart, 7, 358, *rep.*
- & **Norris**, On study of inflammation of cornea and tongue, 5, 214-15, *rep.*
see also Albert
Kessel
- Stricker, S. editor**, *Handbuch der Lehre von den Geweben des Menschen und der Thiere*, part I, 1868. 3, 444, *rev.*; part II, 1869. 4, 148, *rev.*; part III, 1870. 4, 293, *rev.*; part IV, 1870. 5, 373, *rev.*; part V, 1872. 6, 431, *rev.*
Manual of human and comparative histology, (trans. by Henry Power, part I, 1870. 5, 191, *rev.*
- & **Sanderson, J. Burdon**, on study of capillary circulation in living guinea-pig, 5, 194, *rep.*
- Strickland-Goodall, J.**, The comparative histology of the urethra, 36, 405-16; 36, xlv, P.
Two cases of hermaphroditism, 42, 337-42
Two specimens of hermaphroditism in *Rana temporaria*, 43, v, P. (November 1907) (*t.o.*)
- Ströer, W. F. H. & van der Zwan, A.**, Anencephaly and rhachischisis posterior, with the description of a human hemicephalus of 18 mm., 73, 441-50
- Stroganoff, N.**, On the process of oxydation in normal and asphyxiated animals, 11, 556-7, *rep.*
- Strong**, Congenital tumours of the kidney, 38, 369, *rep.*
- Strong and Elwyn's Human neuroanatomy**, by R. C. Truex, 4th ed. 1959. 94, 445-6, *rev.*
- Strong, O. S.**, *see* Elwyn, A.
- Stroud, B. B.**, Note on the staining of isolated nerve-cells, 33, ix, P. (*t.o.*)
- Strube**, On congenital abnormalities of kidneys, 29, 467, *rep.*
- Struthers, John**, Historical sketch of the Edinburgh Anatomical School, 1867. 1, 352, *rev.*
Note on the mediastinum thoracis, 3, 349-54
Case of additional bone in the human carpus, 3, 354-56
On some points in the anatomy of a great fin-whale (*Balaenoptera musculus*), 6, 107-25
On the cervical vertebrae and articulations in fin-whales, 7, 1-55
On familial incidence of processus supracondyloideus humeri, 7, 326, *rep.*
- Case of subdivision of scaphoid carpal bone, 8, 113-14
Account of rudimentary finger muscles found in the toothed whale (*Hyperoodon bidens*) 8, 114-19
On variations of the vertebrae and ribs in man, 9, 17-96
Account of rudimentary finger muscles found in the Greenland right-whale (*Balaena mysticetus*) 12, 217-23
On the bones, articulations and muscles of the rudimentary hind-limb of the Greenland right-whale (*Balaena mysticetus*) 15, 141-76 (bones and joints, 11 specimens); 15, 301-21 (muscles)
On a method of promoting maceration for anatomical museums by artificial summer temperature, 18, 49-53
On some points in the anatomy of a *Megaptera longimana*, part I, 22, 109-25 (external features); part II, 22, 240-82 (limbs); part III, 22, 441-60 (vertebral column); 22, 629-54 (vertebral column); 23, 124-63 (cervical vertebrae, ribs, sternum, bones chevron); part IV, 23, 308-35 (skull); 23, 358-73 (ear bones, mandible, hyoid)
On techniques of preparation and preservation of specimens, 22, ix-xi, P.
On rider's bone, 22, xi, P.
On acromion process and an anomalous subclavian artery, 22, xi, P.
Memoir on the anatomy of the humpback whale (Megaptera longimana) 1889. 24, 612, *rev.*
On the articular processes of the vertebrae in the gorilla compared with those in man, and on costo-vertebral variation in the gorilla, 27, 131-8
On the rudimentary hind-limb of a great fin-whale (*Balaenoptera musculus*) in comparison with those of the humpback whale and the Greenland right-whale, 27, 291-335
On complete division of femoro-tibial cavity of knee, 2 cases, 27, iii, P.
On absence of slip of flexor longus hallucis to flexor digitorum longus, 1 case, 27, iv, P.; On tendon of flexor longus digitorum to hallux, 1 case, 27, iv, P.; On left vertebral artery arising from arch of aorta and entering foramen of 5th cervical vertebra, 27, iv, P.; On variations of branches of abdominal aorta, 27, iv-vi, P.; on double ureter, 3 specimens, 27, vi, P.; on transposition of common iliac veins and inferior vena cava, 27, vi, P.; on communication between portal vein and vena cava, in horse, 27, vi-vii, P.
On the development of the bones of the foot of the horse, and of digital bones generally; and on a case of polydactyly in the horse, 28, 51-62
On the Carpus of the Greenland right whale (*Balaena mysticetus*) and of fin-whales, 29, 145-87
On the form of the sternum in the Greenland right whale (*Balaena mysticetus*), 29, 593-612
On the external characters and some parts of the anatomy of a beluga (*Delphinapterus leucas*) 30, 124-56
Separate acromion process, 32, 793, *rep.*
- Struve**, On quantitative estimation of iodine in different fluids, especially urine, 4, 181, *rep.*
On pigments in blood, 8, 198-9, *rep.*
On action of zinc on blood solution, 8, 405, *rep.*
- Stuart, A.**, On *Medusa* of Vellela, 5, 387, *rep.*
On nervous system of *Creceis acicula*, 6, 449, *rep.*
- Stuart, T. P. Anderson**, Note on a variety in the course of the popliteal artery, 13, 162
The curled hair and curved hair follicle of the negro, 16, 362-3
Nickel and cobalt: their physiological action on the animal organism, part I, Toxicology, 17, 89-123

- Stuart, T. P. Anderson, Notes from the dissection of a Chinaman, 19, 227-8, *anat. not.*
- A mode of demonstrating the gross structure of the eyeball, 25, 295-7; A simple means of explaining the nature of diplopia, 25, 297-8; A new mode of demonstrating the relation of the two sides of the retina to the outer world, 25, 298-9; Note on a spear flag indicator for muscle-nerve demonstrations, 25, 299; A mode of demonstrating the developing membranes in the chick, 25, 299-300; A method by which accurate drawings may be made by amateurs, 25, 300; Note on the muscles of the rudimentary ears—pendants of the neck—in pigs, 25, 301-3
- & McCormick, A., The position of the epiglottis in swallowing, 26, 231-8
- Demonstration of stuffed head of Bell pig of New South Wales, 26, i, P.
- On a working model of the eye, 26, ii; Anatomy of ciliary region of vitreous humour, 26, ii, P.
- On quadrate tubercle of femur, 26, v, P.
- Studer, T. & Bannwarth, E., *Crania Helvetica Antiqua*, 1894, 29, 332-3, *rev.*
- Stump, C. Witherington, The histogenesis of bone, 59, 136-54
- Styles, H. J., X-ray photographs of mercurial injections of the arteries of the limbs and kidneys, and of the air-tubes in a case of pneumonia, 31, xxxviii, P. (t.o.) 31, xxxviii, P. (t.o.)
- Subbotin, On presence of peptone in blood, serum and chyle, 3, 469-70, *rep.*
- On the influence of nutrition on the amount of haemoglobin, 6, 457, *rep.*
- Sullivan, G. E., A morphological and experimental study of the embryology of skeletal muscle, 97, 491, P.A.S.A.N.Z.
- Effects on the chick embryo vertebral column of paralysis with decamethonium, 99, 954, P.A.S.A.N.Z.
- Sulzer, P., On spina bifida, with double spinal cord, 28, 371, *rep.*
- Sumita & Denucé, On a case of spina bifida, 43, 116, *rep.*
- Summerfield King, T., *see* King, T. Summerfield
- Sunderland, S., The quadrate tubercle of the femur, 72, 309-12, *anat. not.*
- The production of cortical lesions by devascularization of cortical areas, 73, 120-9; 72, 623, P.
- The distribution of commissural fibres in the corpus callosum of the macaque monkey, 74, 142, P. (*disc. only*)
- The projection of the cerebral cortex on the pons and cerebellum in the macaque monkey, 74, 201-26; 74, 142, P. (t.o.)
- The meningeal relations of the human hypophysis cerebri, 79, 33-7
- see also* Clark, W. E. Le Gros
Russell, K. F.
- Suringar, W. F. R., The *Sarcina ventriculi* (Goodsir): an investigation concerning the vegetable nature, the corpuscular structure and the laws of development of this organism, 1, 364, *abs.*
- Suschtschinsky, On the irritability of the cardiac terminations of the vagus, 2, 409, *rep.*
- On muscular tone, 6, 239, *rep.*
- see also* Arnstein
- Susini, On impermeability of bladder epithelium, 3, 220, *rep.*
- Sutherland, R. T., Notes on a dissection of an excised elbow, 19, 223-5, *anat. not.*
- Notes on a dissection of an old ununited fracture of the left patella, 19, 225-6, *anat. not.*
- Sutherland, Sheila D., The intrinsic innervation of the liver, 97, 300-1
- The nerve plexuses of the gallbladder, 97, 311, P.
- The use of zinc iodide in the Champy osmic acid technique, 97, 624-5, P.
- An evaluation of cholinesterase techniques in the study of the intrinsic innervation of the liver, 98, 321-6
- The intrinsic innervation of the gall bladder in *Macaca rhesus* and *Cavia porcellus*, 100, 261-268
- see also* Fisher, A. W. F. & Sutherland, S. D.
Libman, L. J.
- Sutton, J. B. (later Sir John Bland-Sutton), The ligamentum teres, 17, 191-3
- A new rule of epiphyses of long bones, 17, 479-83
- The ossification of the temporal bone, 17, 498-508
- On some points in the anatomy of the chimpanzee (*Anthropopithecus troglodytes*) 18, 66-85
- On the relation of the orbito-sphenoid to the region pterion in the side wall of the skull, 18, 219-22
- On the nature of certain ligaments, part I, 18, 225-38; part II, 19, 27-50; part III, 19, 241-65; part IV, 20, 39-75; part V, 22, 542-53; 22, iii-iv, P.; part VI, 23, 256-62; 23, ix, P.
- Observations on rickets, etc., in wild animals, 18, 363-87
- Diseases of the reproductive organs in frogs, birds, and mammals, 19, 121-43
- Tumours in animals, 19, 415-75
- On the origin of certain cysts—ovarian, vaginal, sacral, lingual, tracheal, 20, 432-55
- On branchial fistulae, cysts, diverticula and supernumerary auricles, 21, 289-98
- A case of secondary astragalus, 21, 333-4
- Curious dropsical condition of an axolotl, 21, 670-1
- A critical study in cranial morphology, 22, 28-37
- Ossification of the skull, 22, xiii, P.
- Morphology of the deep extensors of the forearm, 22, xix-xxi, P.
- Rabbit's spine containing a half vertebra on left side of lumbar region (demonstration only) 24, xv, P.; Fallopian tubes from *Macacus rhesus* and *Cervus eldi*, 24, xv, P.
- on sections from a growing antler of a stag (*Cervus elaphus*) 26, xvii, P.
- On an occasional articulation between the cuboid and the head of the astragalus, 26, xviii-xix, P.
- On supernumerary rudimentary thumb, 27, xiii, P.
- On a specimen of cotyloid bone in the pelvis of the cat, 29, xxvii-xxviii, P.
- Selected lectures and essays (including ligaments, their nature and morphology)*, 4th ed. 1920. 55, 78, *rev.*
- Occurrence of teeth in the temporal bones of horses, 38, 365-6, *rep.*
- Swierczewski, On response of nuclei of sympathetic nerve cells to various reagents, 4, 323-4, *rep.*
- Swaen, A., *see* Tarchanoff, J.
- Swanson, Heidi E., Failure to advance puberty in the rat by hemi-spaying, 99, 921-2, P.
- Swettenham, K. V., *see* Marshall, A. H. E.
- Switsur, V. R., *see* Boyde, A. & Fearnhead, R. W.
- Swizcicki, von, On the formation and excretion [? secretion] of pepsin in batrachians 11, 559, *rep.*
- Swyer, G. I. M., Post-natal growth changes in the human prostate, 78, 130-45
- & Zuckerman, The effect of denervation on the structure and hormonal responses of the monkey prostate, 75, 368-72
- see also* Zuckerman, S.
- Syme, On speech and taste after excision of tongue, 1, 165, *rep.*

- Symes, C., On pepsin in commerce, 9, 426, *rep.*
- Symington, Johnson, Notes of the dissection of a case of dislocation of the head of the right radius forwards, with elongation of the bone, 13, 445-7
- The fold of the nates, 18, 198-202
- Note on a case of complete absence of both semi-membranous muscles, 18, 461-2, *anat. not.*
- The anatomy of acquired flat-foot, 19, 83-93
- The external auditory meatus in the child, 19, 280-5
- On the relations of the larynx and trachea to the vertebral column in the foetus and child, 19, 286-91
- Note on a rare abnormality of the pancreas, 19, 292
- The rectum and anus, 23, 106-15
- Bulbo-cavernosi muscles in women: demonstration of auditory air-passages: two adult temporal bones, with non-union of the squamous and petromastoid portions, 23, ii-v, P.
- Nares and epiglottis, 23, xxii, P.
- Lumbar curve in spine of gorilla, 23, xxv, P.
- The vertebral column of a young gorilla, 24, 42-51
- On the organ of Jacobson in the kangaroo and rock wallaby (*Macropus giganteus* and *Petrogale penicillata*) 26, 371-4
- The cerebral commissures in the *Marsupialia* and *Monotremata*, 27, 69-84
- The relations of the peritoneum to the descending, colon in the human subject, 26, 530-7; 26, xxi, P.
- Demonstration of section of abdomen of man, at level of umbilicus, 27, ii-iii, P.
- demonstration of anterior papillary of right ventricle extending to base of valve, 27, iii, P.
- On the homology of the dumb-bell shaped bone in the *Ornithorhynchus*, 30, 420-32
- On demonstration of brain of the echidna, 30, xx, P.
- Notes on the dissection of a case of double knock-knee, 31, 465-8, *abs.*
- The thymus gland in the *Marsupialia*, 32, 278-91
- Thymus in numeral marsupials, 32, xxx, P.
- The marsupial larynx, 33, 31-49
- The cartilages of the monotreme larynx, 34, 90-100
- A comparison of the pelvic viscera and the pelvic floor in two adult male subjects, 34, 101-10
- A note on the thymus gland in the koala (*Phascogale larctus cinereus*) 34, 226-7; 34, xlvii, July 1899 (*t.o.*)
- On separate acromion process, 34, 287-94
- On the articulations between the occipital bone, atlas and axis in some of the lower mammalia, 34, xiv, P., February 1900
- Specimen of bilocular heart, 34, xiv-xvii, P., February 1900
- Lantern demonstrations of additional notes on articulations between occipital bone, atlas and axis in mammalia; On the development of digits in children; Observations on the development of the human brain before and after birth, 35, xxi, P. (*t.o.*)
- Are the cranial contents displaced and the brain damaged by freezing the entire head, 37, 97-106
- Observations on the relations of the deeper parts of the brain to the surface, 37, 241-50; 37, lxxi, P.; 40, ii, P.
- John Grattan's craniometer and craniometric methods, 38, 259-74; 38, xxviii, P. (*t.o.*)
- Observations on the cetacean flipper, with special reference to hyperphalangism and polydactylism, 40, 100-109; 40, ii, P. (*t.o.*)
- A note on the topographical anatomy of the caput gyri hippocampi, 40, 244-6; 40, ix, P.
- Demonstration of new method for the investigation of the topography of the brain and skull, 43, ii, P. (July 1907) (*t.o.*)
- The relations of the main divisions of the trifacial nerve, 45, 183-9
- The topographical anatomy of the salivary glands, 46, 173-83
- Further observations on the rectum and anal canal, 46, 289-306
- The abdomino-pelvic cavity, 47, 143-58
- Endocranial casts and brain form: a criticism of some recent speculations, 50, 111-30
- & Crymble, P. T., The central fissure of the cerebrum, 47, 321-39
- & Thompson, H. A., On a case of defective endochondral ossification in a human foetus, 26, 431, *rep.* see also Craig, W.
- Symmers, W. St Clair, A skull with enormous parietal foramina, 29, 329-30
- Pigmentation of the pia mater with special reference to the brain of modern Egyptians, 40, 25-7
- Note on accessory coronary arteries, 41, 141-2
- Symons, N. B. B., The development of the human mandibular joint, 86, 326-332; 86, 480, P.
- The attachment and shift of muscles, 87, 453, P.
- Structures associated with the completion of the enamel matrix, 88, 563-4, P.
- Alkaline phosphatase activity in the developing teeth of the rat, 89, 238-45; 88, 559-60, P.
- Ribonucleic acid-alkaline phosphatase distribution in the developing teeth of the rat, 90, 117-22
- Observations on the fixation of developing teeth, 90, 583-4, P.
- The effect of fixation on the ameloblast layer of the enamel organ in the rat, 91, 527-32
- see also Scott, J. H.
- Szabó, G., Studies on the cultivation of teeth *in vitro*, 88, 31-44
- The structure of normal human epidermis and the distribution of melanocytes, 89, 575-6, P.
- The histochemical demonstration of tyrosinase in the melanocytes of normal caucasian epidermis and the numerical relationship of tyrosine-positive and dopa-positive cells, 90, 593, P.
- The development of regional variation in the frequency distribution of skin appendages of the human integument, 91, 608, P.
- see also Rusnyák, I. & Földi, M.
- Szawlowski, Abnormalities in connection with the vertebral column, 37, 302, *rep.*
- Szentágothai, J., *Die Rolle der einzelnen Labyrinthrezeptoren bei der Orientation von Augen und Kopf im Raume*, 1952. 86, 468, *rev.*
- , Flerkó, B., Mess, B. & Halász, B., *Hypothalamic control of the anterior pituitary. An experimental-morphological study*, 1962, 98, 282-3, *rev.*
- Szily, von, on congenital anomalies of the eye caused by the amnion, 42, 137, *rep.*
- Tadei, on a case of thoracocraniopagy, 43, 117, *rep.*
- Tahsin, S. C. H., see Jeffreys, R. V. *et al.*
- Tait M'Kenzie, R., see M'Kenzie, R. Tait
- Tait, Lawson, on congenital absence of pericardium and congenital malformation of folds of peritoneum, 3, 456, *rep.*
- Note on some peculiar tumours found on the *Gasterosteus trachurus*, 4, 12-13
- Note on unusual accessory muscles, 4, 236-8
- On the freezing process for section cutting: and on various methods of staining and mounting sections, 9, 249-58
- On anatomy of the umbilical cord, 10, 456-7, *rep.*

- Takahashi, S., Notes on the formation of the cardiac septa in the chick, 57, 168-77
- Talma, On the making of anastomoses for the portal vein 33, 683 (ref. only)
- Tamura, Y., On anovular follicles in the ovaries of the sterile dingo and the aged mouse, 61, 325-8
- Tandler, On infantilismus, 43, 116, rep.
- Tandler & Dömény, On the glandulae Tysoni, 33, 505 (ref. only)
- Tanner, H. H., see Lovell, A. G. Hayes,
- Tanner, J. M., *Growth at adolescence*, 1955. 90, 156-7, rev.
- editor, *Symposia of the Society for the Study of Human Biology*, volume III: *Human growth*, 1960. 95, 278, rev.
- , Healy, M. J. R. & Whitehouse, R. H., Fat, muscle and bone in the limbs of young men and women: their quantitative interrelationships studied radiologically, 93, 563, P.
- & Sawin, P. B., Morphogenetic studies of the rabbit. XI. Genetic differences in the growth of the vertebral column and their relation to growth and development in man, 87, 54-65
- Tapie, On absence of right kidney, partial failure of development of paramesonephric duct and incomplete descent of left ovary, 27, 422, rep.
- Tappeiner, On the condition of the blood stream after ligation of the vena portae, 8, 189-90, rep.
- On the relation of arterial blood-pressure to blood volume, 9, 222-4, rep.
- Tappeiner, H., On oxidation of cholic acid with acid chromate of potash and sulphuric acid, 11, 564, rep.
- Tarchanoff, On innervation of the spleen and its relation to leucocythemia, 8, 185, rep.
- On influence of changes of temperature on central ends of cardiac nerves, 8, 399, rep.
- On function of the spleen, 9, 416, rep.
- Tarchanoff, F., On the contractile elements on the blood and lymph capillaries, 10, 207-8, rep.
- see also Putzeys, F.
- Tarchanoff, J., On supposed connections between blood and lymphatic capillaries, 10, 208, rep.
- On reflex arrest of heart, 10, 636, rep.
- On influence of curara on volume of lymph and number of white blood corpuscles, 11, 198-9, rep.
- & Swaen, A., on leucocytes in splenic vein, 10, 212-13, rep.
- On formation of bile pigment from blood pigment, 9, 241, rep.
- On formation of bile pigments, 9, 435-6, rep.
- On the formation of bile pigment from haemoglobin, 9, 436-7, rep.
- Tarenetzky, A., *Weitere Beiträge zur Craniologie der Bewohner von Sachalin-Aino, Giljaken und Oroken*, 1893. 28, 385-6, rev.
- Targett, On duodenal pouches, 28, xiii, P.
- Two cases of pseudohermaphroditism, 30, 462, rep.
- Targett, J. H., On congenital dislocation of the hip, 30, x, P.
- Tarkhan, A. A., The innervation of the extrinsic ocular muscles, 68, 293-313
- & Abou-el-naga, I., Sensory fibres in the hypoglossal nerve, 81, 23-32
- Tarlo, Beryl J. & Tarlo, L. B. H., The origin of tooth replacement, 97, 472, P.; 97, 479 (dem.)
- Taruffi, A classification of hermaphroditism, 37, 300, rep.
- Taruffi, C., On doubling of genitalia, 26, 433, rep.
- On spina bifida, 26, 433-4, rep.
- On defects of septa of heart, boy 12 years, 26, 438, rep.
- On hypognathus antistophus in a calf, 26, 435, rep.
- On congenital struma of thyroid body, 27, 418, rep.
- On double mandible in anencephalic foetus with symmelia, 1 case, 27, 421, rep.
- On abnormalities of penile canals, 27, 422, rep.
- On abdominal teratoma in a child, 28, 373, rep.
- On teratology, 29, 465, rep.
- On agenosoma, 29, 465, rep.
- Cyclopia, 30, 459, rep.
- Teratological classification, 31, 451-4, rep.
- Double monsters of asymmetrical form, 32, 784-6, rep.
- A case of partial cryptomelia, 32, 793, rep.
- Tauregg, W. von, on cretinism found by the sea coast, 43, 116, rep.
- Tavares, A., The sub-jugular foramen of Serrano, 61, 512, P.
- Taylor, A. E., Case of clavicular insertion of the pectoralis minor, 32, 218
- Note on a case of six lumbar vertebrae and abnormal middle sacral artery, 32, 687
- Variations in the human tooth-form as met with in isolated teeth, 33, 268-72
- Taylor, D. A., see Weddell, G. & Williams, C. M.
- Taylor, E. H., Demonstration of applied anatomy of the rectum, 31, xl, P. (t.o.)
- A treatise on applied anatomy, 1904. 39, 118, rev.
- Taylor F., see Davies-Colley & Dalton, B. N.
- Taylor, Gordon, (see also Gordon-Taylor, Sir Gordon)
- An abnormal form of duodenum, 42, 348, anat. not.
- on abnormal duodenal loop, and deformity of pancreas, 43, ii, P. (March) (t.o.)
- & Bonney, Victor, The homology and morphology of the popliteus muscle, 39, xxxv-xxxvi, P.
- On the homology and morphology of the popliteus muscle: a contribution to comparative myology. 40, 34-50
- see also Thompson, Peter
- Taylor, J., An unusual variation of the omo-hyoid muscle, 59, 331-2
- Taylor, M., A study of nasal respiratory mucosa, 91, 579, P.
- see also McMinn, R. M. H.
- Taylor, R. Stanley & Grell, J. M. P., A rare anomaly of the aortic arch, 36, 288-9
- Taylor, S. G., see Eayrs, J. T.
- Taylor, W., editor, *The biliary system. A Symposium of the NATO Advanced Study Institute*, 1965. 100, 679-80, rev.
- Taylor, W. T., & Weber, R. J., *Functional mammalian anatomy (with special reference to the cat)*, 1951. 86, 232, rev.
- Tazelaar, M. A., see Huxley, J. S.
- Tchaperoff, C. C., Radiological anatomy of the kidney and ureter, 72, 143-4, P.
- see also Appleton, A. B. & Hamilton, W. J.
- Tcherinoff, On estimation of sugar in diabetic urine, 2, 181, rep.
- Teacher, J. H., see Bryce, T. H.,
- Tebbs, B. T., The sympathetic innervation of the aorta and intercostal arteries, 32, 308-11
- Tehver, J. & Grahame, T., The capsule and trabeculae of the spleens of domestic mammals, 65, 473-81
- Telfer, S. V., A case of abnormal disposition of the peritoneum, 49, 136-9
- Telford, E. D. & Stopford, J. S. B., The distribution of vaso-constrictor fibres in the limbs, 67, 417-19
- Telgmann, J., see Krause, W.
- Tellier, on congenital absence of central incisors, 28, 374, rep.
- Tello-Muñoz, J. F. translator, *Histology* (Ramon y Cajal, revised by Fernán-Núñez) 10th ed. 1933. 68, 426, rev.

Author Index

- Témoin**, On an accessory spleen, 33, 683 (*ref. only*)
- Templeton, G.**, Axillary mammary gland, 1 case, 34, 418, *rep.*
- Templeton, R. W.**, *see* McClements P. & Pritchard, J. J.
- Templeton, W. R.**, *see* Harris, P. F.
- Ten Cate, A. R.**, Histochemical investigations on the stellate reticulum of human foetal teeth, 91, 609-10, P.
- 'Recruitment' as a growth factor in the human tooth germ, 92, 637, P.
- Histochemical studies of enamel epithelium, 97, 304, P.
- & Skelton, L., The demonstration of cholinesterase activity in human teeth, 100, 432, P.
- see also* Brain, E. B.
- Tenchini**, On a variety of the atlas, 33, 350 (*ref. only*)
- Tennant, John**, A critical note on colour vision, 30, 106-117
- Tereskin**, On chemical constituents of testis, 6, 471, *rep.*
- Tergast, P.**, On innervation ratios in muscles, 7, 329, *rep.*
- On relative proportion of nerve to muscular fibres, 8, 424, *rep.*
- Terry, Robert J.**, Rudimentary clavicles and other abnormalities of the skeleton of a white woman, 33, 413-22
- Tesson**, Fusion of the kidneys, 30, 461, *rep.*
- Testut**, On supernumerary crural mammary gland, 27, 421, *rep.*
- Teutleben, E. von**, On muscles and mechanism in mastication, 9, 390, *rep.*
- Tewari, H. B. & Bourne, G. H.**, Histochemical studies on the distribution of alkaline and acid phosphatases and 4-nucleotidase in the cerebellum of rat, 97, 65-72
- Thaden, von**, On malformation of left ventricle of heart, 3, 203, *rep.*
- Thane, G. (later Sir George)**, Situs inversus, 22, xii, P.
- Obliteration of coeliac axis, 22, xvii-xviii, P.
- Two abnormal muscles of the leg, 25, xiii-xiv, P.
- On nomenclature of movements of ankle joint, 28, xvi, P.
- On divided internal cuneiform bone and humerus showing well-marked double spiral groove, 28, xx, P.
- Tribute to Sir George Humphry, 31, xv-xvi, P.
- Demonstrations of a sacrum showing a costo-transverse foramen on the left side of the first vertebrae and a specimen in which the upper pulmonary vein of the left side opens into the innominate vein, 40, xi, P. (*l.o.*)
- see also* Quain's
- Thanhoffer, L. van**, On histology of the cornea, 10, 452, *rep.*
- Thauhoffer, S.**, On absorption of fat in small intestine, 8, 410, *rep.*
- Thenius, E. & Hofer, H.**, *Stammesgeschichte der Säugetiere. Eine Übersicht über Tatsachen und Probleme der Evolution der Säugetiere*, 1960. 96, 301, *rev.*
- Theodorov**, On congenital malformations attributed to amniotic adhesions, 43, 124, *rep.*
- Thiele, F. H.**, Demonstration of a heart, showing complete transposition of the aorta and pulmonary artery and complete separation of right and left ventricles, 36, xli, P.
- On a case of congenital cardiac malformation, 37, xlii-1, P.
- Thilenius**, On supernumerary carpus in human embryos, 29, 468, *rep.*
- Thilo, Otto**, Stop or click mechanism in the animal kingdom, 35, 206-13
- Thin, G.**, On lymphatic system of cornea, 8, 390, *rep.*
- On the structure of the tactile corpuscles, 8, 30-8
- On anatomy of connective tissue, nerve, muscle, with special reference to their relation to the lymphatic system, 9, 193-7, *rep.*
- On connective tissues, 9, 394, *rep.*
- On traumatic inflammation of connective tissue, 10, 447-9, *rep.*
- The optic nerve fibres and ganglion cells of the mammalian retina, 13, 139-45
- Note on the ganglion-cells of the elephant's retina, 14, 287
- The histology of *Molluscum contagiosum*, 16, 202-7
- & Ewart, J. C., A contribution to the anatomy of the lens, 10, 223-30
- see also* Ewart, J. C.
- Thoma, R.**, on the migration of white corpuscles into the lymphatics of the frog's tongue, 8, 403, *rep.*
- On numbers and movements of leucocytes, in relation to variation of concentration, 9, 423-5, *rep.*
- On cement substance of epithelium, 9, 450, *rep.*
- On physiological properties of cement substance of epithelium, 10, 449, *rep.*
- Thomas, Congenital atresia of the oesophagus**, 39, 505, *rep.*
- Thomas, D. Brynmor**, The erythroblasts of human foetal bone marrow, 97, 478-9, P.
- Hepatic haematopoiesis in the mouse foetus, 100, 932, P.
- , Russell, P. M. & Yoffey, J. M., Studies in foetal blood formation. I. The changes in peripheral blood, 94, 576, P.; III. Hepatic haemopoiesis, 94, 576-7, P.
- & Yoffey, J. M., The origin of the hepatic haemocyto blasts, 95, 605, P.
- see also* Yoffey, J. M.
- Yoffey, J. M. & Russell, P. M.
- Thomas, D. M., Kaufman, R. P., Sprague, J. M. & Chambers, W. W.**, Experimental studies of the vermal cerebellar projections in the brain stem of the cat (fastigiobulbar tract) 90, 371-85
- Thomas, D. P.**, The effect of load carriage on normal standing in man, 93, 75-86
- & Whitney, R. J., Postural movements during normal standing in man, 93, 524-39
- see also* Clark, W. E. Le Gros
- Thomas, E. A.** *see* Wells, L. H.
- Thomas, G. A.**, Quantitative histology of Wallerian degeneration. II. Nuclear population in two nerves of different fibre spectrum, 82, 135-45
- Schwann cell activity in tissue culture of two degenerating nerves of different fibre spectrum, 85, 414, P.
- The Sertoli cell *in vivo* and *in vitro*, 89, 557, P.
- see also* Joseph, J.
- Joseph, J. & Tynen, J.
- Thomas, K. Bryn**, James Douglas of the Pouch and his pupil William Hunter, 1964. 99, 404, *rev.*
- Thomas, M. D.**, *see* Rash, R. M.
- Thomas, P. Kynaston**, Growth changes in the diameter of peripheral nerve fibres in fishes, 90, 5-14
- The connective tissue of peripheral nerve: an electron microscope study, 97, 35-44
- The fate of the endoneurial tube during Wallerian degeneration, 97, 476, P.
- Changes in the endoneurial sheaths of peripheral myelinated nerve fibres during Wallerian degeneration, 98, 175-82
- The cellular response to nerve injury, I. The cellular outgrowth from the distal stump of transected nerve, 100, 287-303
- & Slatford, Jean, Lamellar bodies in the cytoplasm of Schwann cells, 98, 691, P. (*dem.*)
- & Young, J. Z., Internode lengths in the nerves of fishes, 83, 336-50
- see also* Aitken, J. T.

- Thompson, Situs mutatus**, 38, 363, *P.*
 On a case of acranium which lived for eight days, 43, 119, *rep.*
 On a urethral septum with a central aperture situated near the urethral orifice of the bladder, 43, 122, *rep.*
- Thompson, A. Ralph**, On the 'calcar femorale', 41, viii, *P.* (January 1907)
 The relationship between the internal structure of the upper part of the femur and fractures through the base of the neck of the femur, 42, 60-8
 Direction of the ileo-caecal aperture, 42, 347-8, *anat. not.*
 Demonstration of several specimens of caeca, and drew attention to the downward direction of the ileocaecal aperture, 43, i, *P.* (March 1907) (*t.o.*)
 On congenital dislocation of the hip, 44, iii, *P.* (*t.o.*)
 The surface markings of the prostate, 47, 121, *anat. not.*
 Figures relative to congenital abnormalities of the upper urinary tract, and some points in the surgical anatomy of the kidneys, ureter and bladder, 48, 280-6
 The form of the urinary bladder, 51, 364-74; 51, 12-13, *P.* (December 1916)
 The male urinary meatus, 53, 32-4
 The capacity of, and the pressure of fluid in, the urinary bladder, 53, 241-53
 Some features of the elbow-joint, 58, 368-73
 Congenital defect of the lower urinary tract, 59, 33-5, *S.P.*
 The exact anatomy of paraphimosis, 59, 61-62, *S.P.*
 A case of diverticulum(?) of the urinary bladder, 59, 62, *S.P.*
 Certain features of the elbow joint, 59, 83, *S.P.*
 Cases of hypospadias and ectopia vesicae, 59, 83-4, *S.P.*
 A case of aberrant spleen, 60, 474, *P.*
 Surgical anatomy of the upper urinary tract, 60, 475, *P.*
 Transplantation of the rectus for incontinence, 60, 475-7, *P.*
 Some artificial changes in post-mortem bones, 63, 160, *P.*
 Double penis below ectopia vesicae, 64, 121, *P.*
 The perineal muscles and urethra in cases of epispadias and ectopia vesicae, 65, 161-2, *P.*
 Pregnancy without apparent vagina, 66, 133-4, *P.*
 Clinical anatomy of the urinary tract, 66, 134, *P.*
 Congenital stricture of the urethra, 66, 147, *P.* (*t.o.*)
 General review of congenital lesions of the urinary tract, 72, 140, *P.*
- , **Ferguson, W. J. & Miller, J. A. W.**, Some congenital deformities of the kidney, 68, 134, *P.*
see also Eckoff, N. L.
- Thompson, C. J. S.**, Anatomical manikins, 59, 442-5
Thompson, D'Arcy Wentworth, On some bones of a fossil seal from the post-tertiary clay at Dunbar, 13, 318-21
 On the nature and action of certain ligaments, 18, 406-10
 On the hind-limb of *Ichthyosaurus*, and on the morphology of vertebrate limbs, 20, 532-5
 Demonstration of fishes's skeletons, 23, xxv, *P.*
On growth and form, abridged edition by J. T. Bonner, 1961, 96, 307, *rev.*
- Thompson, G. W.**, Triplets, one normal male and thoracopagus double monster, female, 34, 415, *rep.*
- Thompson, H. A.**, *see* Symington, J.
- Thompson, H. T.**, Report of a case in which there occurred an anomalous structure at and about the base of the bladder, 35, 492-5
- Thompson, I. Maclaren**, Venae cavae superiores dextra et sinistra of equal size in an adult, 63, 496-7
 Experimental work on cutaneous innervation, 66, 148-9, *P.*
 On the cavum septi pellucidi, 67, 59-77; 66, 151-2, *P.*
 The diagnostic application of our knowledge of the normal variability of cutaneous nerve areas, exemplified by the median and ulnar nerves, 69, 159-64
 M. chondro-epitrochlearis bilateralis, 71, 130, *anat. not.*
- Thompson, J. W.**, The nerve supply to the nictitating membrane of the cat, 95, 371-85
- Thompson, Peter**, A case of polypus of the pylorus, with intussusception, 31, 392-6
 On the 'levator ani' or ischio-anal muscle of ungulates, with special reference to its morphology, 33, 423-33; 33, vi, *P.* (*t.o.*)
 On the arrangement of the fasciae of the pelvis and their relationship to the levator ani, 35, 127-41
 A heart in which the interauricular septum presented two openings, 37, xxxvi-xxxix, *P.*
 Vote of thanks on three years honorary secretaryship, 39, i, *P.*
 Description of a human embryo of twenty-three paired somites, 41, 159-71
 Description of a human embryo, 2.5 mm. in length, 41, vii, *P.* (November 1906)
 A note on the development of the septum transversum and the liver, 42, 170-5
 Description of a model of the brain of a foetal cat, 20 mm. in length, 43, 134-45
 On the development of the liver and septum transversum, 43, ii, *P.* (March)
 The development of the lobus quadratus of the liver, with special reference to an unusual anomaly of this lobe in the adult, 48, 222-37
- & **Brash, James, C.**, A human embryo with head-process and commencing archenteric canal, 58, 1-20
- & **Hillier, W. T.**, The myology of the hind limb of the marsupial mole (*Notoryctes typhlops*), 39, 308-31
- & **Taylor, Gordon**, Liver showing the processus pyramidalis, 39, xxi-xxv, *P.*
- & **Ritson**, Model of the brain of a foetal cat 2 cm in length, 43, i, *P.* (June 1908) (*t.o.*)
see also Young, A. H.
- Thompson, R. H. S.**, *see* Grant, R. T.
- Thompson, St Clair**, *see* Onodi, A.
- Thompson, W.**, The fate of callus transplants in the rat and rabbit, 92, 661, *P.*
- Thompson, W. H.**, Degenerations resulting from lesions of the cortex of the temporal lobe, 35, 147-65
- Thomson Walker, J. W.**, *see* Walker, J. W. Thomson
- Thomson, Situs mutatus**, 38, 363, *P.*
- Thomson, Allen**, On the difference in the mode of ossification of the first and other metacarpal and metatarsal bones, 3, 131-46
- Thomson, Arthur**, Origin of the internal circumflex from deep epigastric artery, 17, 379-83
 Notes on two instances of abnormality in the course and distribution of the radial artery, 18, 265-9
 Variations of the thoracic duct associated with abnormal arterial distribution, 18, 416-25
 On the delineation of skulls by composite photography, 19, 109-14 & 230
 Some variations in the anatomy of the human liver, 19, 303-6
 Notes on some unusual variations in human anatomy, 19, 328-32

Author Index

- Thomson, Arthur**, On mounting frozen sections, 22, xii, *P.*
 The pterion in different races of men, 22, xxvii-xxix, *P.*
 The influence of posture on the form of the articular surfaces of the tibia and astragalus in the different races of man and the higher apes, 23, 616-39; 23, xxv, *P.*
 The orbito-maxillary frontal suture in man and the apes, with notes on the varieties of the human lachrymal bone, 24, 349-57
 Additional note on the influence of posture on the form of the articular surfaces of the tibia and astragalus in the different races of man and the higher apes, 24, 210-17
 Report of the Committee of Collective Investigation of the Anatomical Society of Great Britain and Ireland for the year 1889-90, 25, 89-101
 Second annual report of the Committee of Collective Investigation of the Anatomical Society of Great Britain and Ireland for the year 1890-91, 26, 76-93
 Third annual report of the Committee of Collective Investigation of the Anatomical Society of Great Britain and Ireland, for the year 1891-92, 27, 183-94
 Report of Committee of Collective Investigation, 1892-3, 28, 62-76
 Fifth annual report of the Committee of Collective Investigation of the Anatomical Society of Great Britain and Ireland for the year 1893-4, 29, 35-60
 Note on the skin and scalp of the negro foetus, 25, 282-5; 25, iii, *P. (t.o.)*
 On development of epidermis, 27, xvii-xviii, *P.*
 Microcephaly and infantile hemiplegia, 28, 419-44
 On a photographic method of microscopic reconstruction, 28, xviii, *P.*
 Demonstrations, pelvis of the kidney, spleens showing rudiments of a right lobe and the cardiac end of the stomach, 31, i, *P.*
 The sexual differences of the foetal pelvis, 33, 359-80; 33, vi, *P. (November 1898) (t.o.)*
 The morphological significance of certain fissures in the human liver, 33, 546-64; 33, xxii, *P.*
 On the physical data of anthropology, 33, 685 (*ref. only*)
 On natural curling of the hair, 33, xxvi, *P.*
 A remarkable condition in a rabbit simulating the occurrence of a double heart, 35, xvi-xix, *P.*
 The relation of structure and function as illustrated by the form of the lower epiphysial suture of the femur, 36, 95-105
 The relation of structure and function as illustrated by the form of the lower epiphysial suture of the femur, 36, xxvi, *P. (t.o.)*
 Evolution of man's cranial form, 37, lxxi, *P. (t.o.)*
 Reconstruction model of the eye of a human embryo 13 mm. in length, 43, i, *P. (June 1908) (t.o.)*
 The life and work of Surgeon Williamson, 'a forgotten anthropologist', 43, vi, *P. (March 1908) (t.o.)*
 On the presence of genial tubercles on the mandible of man, and their suggested association with the faculty of speech, 50, 43-74
 The maturation of the human ovum, 53, 172-208
 The ripe human Graafian follicle, together with some suggestions as to its mode of rupture, 54, 1-40
 — & **Randall-Maciver, D.**, *The ancient races of the Thebaid*, 1095. 39, 513-14, *rev.*
see also Quain's
Thomson, A. P. D. & Zuckerman, S., The vascular and nervous connexions of the retina concerned in the response of gonads to light, 83, 63-4, *P.*
see also Marshall, W. A.
- Thomson, D. L.**, *see* Beattie, J.
Thomson, Hill & Halliburton, On cerebro-spinal fluid, 33, 685 (*ref. only*)
Thomson, H. A., Acromegaly, with description of a skeleton, 24, 475-92
Thomson, J. H., On deformities of lower jaw of the cachalot, 3, 204, *rep.*
Thomson, M. S., *see* Colwell, H. A. & Wakeley, C. P. G.
Thomson, Robert B., Complete unilateral interruption of the fissure of Rolando, 45, 433-7
 Note on two large and cribriform Eustachian valves, 45, 444-5, *anat. not.*
Thorburn, G. D., Casey, B. H. & Molyneux, G. S., The effect of hair growth on the distribution of cutaneous blood flow in the rabbit, 99, 954, *P.A.S.A.N.Z.*
 — & **Stacy, B. D.**, A study of the comparative histology of the blood vessels of the renal medulla, 98, 495, *P.A.S.A.N.Z.*
see also O'Morchoe, C. C. C., Carriere, S. & Barger, A. C.
Thorek, Philip, *Anatomy in surgery*, 1963. 98, 279, *rev.*
Thorne, A. G., The Tasmanian Aborigines, Some new material, 100, 946, *P.A.S.A.N.Z.*
Thorneley, A case of macropodia, 38, 372, *rep.*
Thorner, E., On defective formation of the amnion, 4, 161, *rep.*
Thornton Carter, J., *see* Carter, J. Thornton
Thornton, C. S. editor, *Regeneration in vertebrates*, 1959. 94, 279, *rev.*
Thorpe, On a case of congenital irido-dialysis with heterochromia, 42, 137, *rep.*
Thudicum, On the chemistry of bile, 2, 428, *rep.*
 On the pigments of urine, 2, 429, *rep.*
 On crystalline haematine, 3, 231, *rep.*
 On cruentine, 3, 232, *rep.*
 On chemistry of muscles, 3, 236-7, *rep.*
 On the chemistry of the brain, 3, 237, *rep.*
 On kryptophanic acid in urine, 5, 226, *rep.*
 On kryptophanic acid, 6, 467, *rep.*
Thudicum, J. L. W., On chemical composition of the brain, 10, 202-3, *rep.*
Thurley, K., *see* Burston, W. R.
Thurnam, John, On the weight of the brain, 1, 149, *rep.*
Thurston, E., *Anthropology of the Todas and Kotas of the Nilgiri Hills, and of the Brahmans, Kammalaus, Pallis and Pariahs of Madras City*, 1896. 30, 584-5, *rev.*
Thurston, Edgar, The length of the systole of the heart, as estimated from sphygmographic tracings 10, 494-501
Thurston, H. & Fisher, A. W. F., The innervation of the tunica bulbi, 99, 419-20, *P.*
Tiegel, On a ferment-action of the blood, 7, 187-8, *rep.*
Tiegel, E., *see* Plósz
 On the height of the contraction of muscle as a function of the weight, 11, 568, *rep.*
 On the height of the contractions in muscles stimulated with over-maximal stimuli, 11, 568, *rep.*
Tiegs, O. W., A study by degeneration methods of the innervation of the muscles of a lizard (*Egernia*) 66, 300-22
 Nerve endings in the human teeth, 66, 622-7
 Further remarks on the terminations of nerves in human teeth, 72, 234-46
Tilanus, C. B., A case of ectrodactyly, 31, 462, *rep.*
 On Sprengel's deformity, 32, 793, *rep.*
Tillie, J., A contribution to the pharmacology of curare and its alkaloids, part I, 24, 379-406; part II, 509-16; parts III and IV, 25, 41-59
 The occurrence of haemoglobinuria in blood-pressure experiments, 25, 550-1

Author Index

- Tillie, J., On an arrow-poison from New Granada and on its botanical source, 27, 402-7
 A variety of curara acting as a muscle poison, 28, 96-106
- Tilloy, On autopsies of two infants of the mongoloid type, 42, 133, *rep.*
- Tilly, R., *see* Pedler, C. M. H.
- Timbrell Fisher, A. G., *see* Fisher, A. G. Timbrell
- Tims, H. W. Marrett, On the succession and homologies of the molar and premolar teeth in the mammalia, 36, 321-43; 36, lix, *P. (t.o.)*
 The evolution of the teeth in the mammalia, 37, 131-49
 On the significance of certain epithelial masses in connection with developing teeth, 39, xlviii-xlix, *P.*
 Tooth-vestiges and associated mouth-parts in the *Manidae*, 42, 375-87
 Certain tooth rudiments in a foetal *Manis javanica*, 43, v, *P. (t.o.)*
- Tindley, V. C., *see* Weeks, R. W.
- Tischendorf, R., *see* Groskopf, K. W.
- Tissue Culture Course, Staff, *An introduction to cell and tissue culture*, 1949-53, 89, 554, *rev.*
- Titchen, D. A., *see* Akester, A. R.
- Titone, M., Anomalous arrangement of fissures and convolutions of the brain, 30, 460, *rep.*
- Tittel, K., *Beschreibende und funktionelle Anatomie des Menschen*, 3rd ed., 1962, 96, 544, *rev.*
- Tobias, M. J. translator, *Anatomy of the human lymphatic system* (Rouvière) 1938, 73, 675, *rev.*
- Tobias, P. V., Premetotic mitosis: a new type of cell-division in mammals, 90, 570-1, *P.*
 The curvature of the occipital bone in Bushmen and Negroes, 92, 652, *P.*
 Growth changes in the occipital bone of Bushmen and Negroes, 92, 652-3, *P.*
 — & Arnold, M., *Man's anatomy. A study in dissection*, vols. I, II, III, 1963-4, 100, 208, *rev.*
- Tobin, C. E. & Whitehead, R., Age and sex variations in the fat of the adrenal cortex of the white rat, 76, 342-46
- Todd, G. B., The use of colour screens for micro-photography, 31, 114-15
- Todd, Mary E., The fine structure of epithelial cells of the chiton excretory apparatus, 99, 217, *P. (t.o.)*
- Todd, Robert B., Bowman, William & Beale, Lionel S. *The physiological anatomy and physiology of man*, new ed. by L. S. Beale, part I, 1866, 1867, 1, 142-5, *rev.*
- Todd, T. Wingate, The relations of the thoracic operculum considered in reference to the anatomy of cervical ribs of surgical importance, 45, 293-304
 'Cervical' rib: factors controlling its presence and its size. Its bearing on the morphology and development of the shoulder, 46, 244-88
 A preliminary communication on the development and growth of bone and the relations thereto of the several histological elements concerned, 47, 177-88
 The arterial lesion in cases of 'cervical' rib, 47, 250-3
 Age changes in the pubic symphysis. VII. The anthropoid strain in human pubic symphysis of the third decade, 57, 274-94
 The effect of maceration and drying upon the linear dimensions of the green skull, 57, 334-56
 Age changes in pubic bone, 59, 15, *S.P. (t.o.)*
 The nature of mummification and maceration illustrated by the male white skull, 59, 180-7; part II. The female and negro skulls, 60, 309-28
- The comparison of auricular height determinations, 59, 390-3
- The yearly fluctuation in the cranial capacity of a dissecting room population, 60, 472-3, *P.*
 Stereoscopic projection, 60, 473, *P.*; Instruments for skull measurement, 60, 473, *P.*
- Motility of the human alimentary tract, 63, 166-7, *P.*
Atlas of skeletal maturation, 1926-36, 1937, 72, 640-1, *rev.*
- & Kuenzel, Wilhelmine, The thickness of the scalp, 58, 231-49
- Toivonen, S., *see* Saxen, L.
- Toldt *Anatomischer Atlas*, revised and edited by Hochstetter, 13th ed., vols I-III, 1927, 62, 520, *rev.*; Bd. I. II & III, 1931, 66, 127-8, *rev.*
- Tolmatschew, N., On congenital defect of urethra, 4, 306, *rep.*
- Tomasch, J., Dietary factors and nerve fibre myelination, 95, 180-90
 — & Britton, W. A., On the individual variability of fibre composition in human peripheral nerves, 90, 337-49
- Tomaszewicz, A., on the action of chloral and trichloroacetic acid, 9, 448, *rep.*
- Tomes, C. S., On membrane of Nasmyth, 7, 171, *rep.*
 On development of the teeth, 9, 397, *rep.*
- Tomlin, D. H., Henry, K. M. & Kon, S. K., A study of bone growth in the rat using radioactive calcium, 86, 475, *P.*
- Tomlinson, J. D. W., Extra-dural vertebral venous systems in mammals, 90, 575, *P.*
 — & Harrison, R. J., Some observations on the venous systems in the pinnipedia, 87, 461, *P.*
 — & Warwick, R. S., Experiments on the phrenic nerve in *Phoca vitulina*, 92, 658, *P.*
 Venous modification in two rare marine mammals, 95, 453, *P.*
see also Harrison, R. J.
 Steele, F. L. D.
- Tompsett, D. H., *Anatomical techniques*, 1956, 91, 298, *rev.*
 Marco resin cast of the upper respiratory tract, paranasal sinuses and guttural pouches of a horse, 98, 298-9, *P. (dem.)*
see also Wyke, B. D.
- Töndury, G., *Angewandte und topographische Anatomie*, 1949, 84, 399, *rev.*
- Toner, P. G., The ultrastructure of the submucosal gland cells in the proventriculus of the fowl, 97, 141, *P.*
 The fine structure of resting and active cells in the submucosal glands of the fowl proventriculus, 97, 575-83
 The fine structure of gizzard gland cells in the domestic fowl, 98, 77-86
 Gastric acid secretion in the chick embryo, 99, 203, *P.*
 Development of the acid secretory potential in the chick embryo proventriculus, 99, 389-98
 — & Baillie, A. H., Ultrastructural, biochemical and histochemical changes in the seminal vesicle after castration, 99, 418, *P.*
 Biochemical, histochemical and ultrastructural changes in the mouse seminal vesicle after castration, 100, 173-88
- Tonge, C. H., Observations on the mesodermal condensations in the vicinity of human tooth germs, 85, 418, *P.*
 Some observations on the remnants of human odontogenic and adjacent oral epithelium, 90, 584, *P.*
 Dye deposition in the skeleton and teeth of rats following intra-vital alizarinization, 95, 606-7, *P.*

Author Index

- Tonge, C. H. & Boulton, E. H.**, The use of serial shadowed replicas in the optical and electron microscopic examination of the hard structures of a tooth as displayed by progressive etching, 92, 649, *P*.
- The differentiation and fate of the dental follicle, 97, 148, *P*.
- & **McCance, R. A.**, A study of the jaws and teeth of experimentally undernourished pigs, 97, 635-6, *P*.
- Tonge, Morris**, On development of valves of the aorta and pulmonary artery, 3, 200-1, *rep*.
- Tonkoff**, on a case in which the dorsal cutaneous branches of the musculo-spiral replaced the radial nerve in the supply of the back of the hand, 33, 353 (*ref. only*)
- Tonkoff, W.**, The arteries of the intervertebral ganglion and of the centro-spinal nerves in man, 33, 503, *anat. not*.
- Topinard, P. (editor)**, *Revue d'Anthropologie*, 3rd series, 1886, 20, 546, *rev*.
- L'homme dans la nature*, 1891, 26, 578, *rev*.
- Torkildsen, A.**, The gross anatomy of the lateral ventricles, 68, 480-91
- Törnblom**, on contributions to human myology, 2, 165-6
- Torr, J. B. D.**, The arterial supply of the foetal cord, 91, 576, *P*.
- The embryological development of the anterior spinal artery in man, 91, 587, *P*.
- The dependence of the blood supply of the spinal cord on certain aortic segments, 91, 612, *P*.
- & **Cooper, Eugenia, R. A.**, Further studies of the venous sinuses of the central nervous system, 93, 583, *P*.
- & **Dixon, A. D.**, Oral smear determination of chromosomal sex, 90, 581, *P*.
- A comparison of methods for the determination of chromosomal sex and their clinical application, 90, 602, *P*.
- see also* Cooper, Eugenia R. A.
Dixon, A. D.
- Torvik, A.**, The spinal projection from the nucleus of the solitary tract. An experimental study in the cat, 91, 314-22
- Tourneux & Soulie**, On the early development of the pituitary body in man, 33, 506 (*ref. only*)
- Tourneux, F.**, On epithelium of serous membranes, 8, 390, *rep*.
- Toussaint, H.**, On a pustular disease caused by an atmospheric germ, 13, 263-4
- Towers, B.**, The muscle-cartilage relationship in the extrapulmonary bronchi, 87, 337-44; 87, 440, *P*.
- Observations on vascular perfusion and fixation of the lungs, 88, 577-8, *P*.
- Early embryology of the nephric system in the sheep, 92, 647-8, *P*.
- see also* Middleton, H.
- Townsend, Jane**, *see* Joseph, J. J.
- Trampusch, H. A. L.**, *see* Kiortsis, V.
- Traquair, Ramsay H.**, On the cranial osteology of polypterus, 5, 166-83
- On external characters of *Calamoichthys calabaricus*, 5, 386, *rep*.
- On the so-called tailless trout of Islay, 6, 411-16
- On *Uronemus lobatus*, 7, 338, *rep*.
- On *Phaneropleuron andersoni*, 7, 338, *rep*.
- On fossils (fish) 9, *rep*. 406
- Traube**, *see* Pokrowsky
- Traube, M.**, On the condition of the yeast plant in a medium free from oxygen, 13, 240, *rep*.
- Tredgold, A. F.**, Variations of ribs in the primates, with especial reference to the number of sternal ribs in man, 31, 288-302; 31, xxvi-xxviii, *P*.
- Tresilian, S. & Williams, H. J.**, *Human anatomy for art students*, 1961, 96, 303, *rev*.
- Treskin**, On the changes of urine in bladder, 6, 467, *rep*.
- Trevelyan**, on a preparation of dry brain specimens, 36, xxv, *P*.
- Treves, F.**, *The anatomy of the intestinal canal and peritoneum in man*, 1885, 20, 189-90, *rev*.
- A gluteal trochanter in the human subject, 21, 325-7
- Trevor, R. S.**, A very long vermiform appendix enclosed in a canal behind the caecum and ascending colon, 36, xlii-xliv, *P*.
- A heart with various malformations, 36, xlv-xlv, *P*.
- Tribe, Margaret**, *see* Hill, J. P.
Reagan, F. P.
- Tricomi, A.**, On branchial fistula, complete, 1 case, 27, 418, *rep*.
- Tridon**, *see* Lépine & Rochefontaine
- Trifanowsky, D.**, On the composition of human bile, 10, 217, *rep*.
- Trinchese**, On motor nerve endings, 2, 395, *rep*.
- Tripier**, *see* Arloing
- Tripier, L.**, On artificial production of rickets, 8, 426-7, *rep*.
- & **Arloing**, On actions of right and left vagus on heart, 11, 557-8, *rep*.
- Trissier**, *see* Arloing
- Troitzky**, On effect of temperature and different degrees of stimulating current on the rapidity of propagation of excitation in frog nerve, 9, 218-19, *rep*.
- Trolard**, On the posterior subdivision of the cervical nerves, 33, 685 (*ref. only*)
- Trolard, P.**, On venous system of cranium and encephalon, 4, 301, *rep*.
- Tromly, R. G.**, *see* Curl, H.
- Trotter, C.**, Remarks on Dr Davies' paper on the law which regulates the relative magnitude of the areas of the four orifices of the heart, 4, 295-9
- Note on Mr. Gordon's paper 'On certain molar movements, etc.', (11, 533) 11, 755
- Trotter, W. D.**, The problem of compensatory hypertrophy and hyperplasia in the submandibular gland of the rabbit, 87, 437, *P*.
- Phase contrast observations of the process of haemolysis in salamander erythrocytes, 87, 456-7, *P*.
- Troup, J. D. G.**, *see* Davis, P. R.
Davis, P. R. & Burnard, J. H.
- Trueta, J.**, *see* Barclay, A. E., Daniel, P., Franklin, K. J. & Prichard, M. M. L.
- Truex, R. C.**, *Strong and Elwyn's Human neuroanatomy*, 4th ed. 1959, 94, 445-6, *rev*.
- & **Kelever, C. E.**, *Detailed atlas of head and neck*, 1948, 83, 283-4, *rev*.
- Truman, E. B.**, On development of the ovum of the pike, 4, 161, *rep*.
- Trumpf, J.**, Atresia of the small intestine, 31, 460, *rep*.
- Tschaussow**, On diapedesis of pigment cell, 5, 215, *rep*.
- On Polish crania, 33, 213, *abs*.
- Tscherinoff**, On the metabolism of glycogen, 1, 359, *rep*.
- Tscheschichin**, On the effects of section of the spinal cord and sympathetic on thermo-regulation, 1, 163, *rep*.
- Tschiriew, S.**, On the difference between the gases of the blood and lymph of asphyxiated animals, 10, 646, *rep*.
- On the daily metamorphosis of transfused albumin, 10, 647, *rep*.

Author Index

- Tschiriew, S., On the dependence of the rhythm of the heart on variations in the blood-pressure, **11**, 550-1, *rep.*
see also Owsjannikow
- Tschumi, P., Development of limb abnormalities in *Xenopus* after treatment with nitrogen-mustard, **88**, 566, P.
 The growth of the hindlimb bud of *Xenopus laevis* and its dependence upon the epidermis, **91**, 149-73
see also Hughes, A.
- Tsortis, D., on female external genitalia on back of male, **27**, 422, *rep.*
- Tsasaki, T., *Über den Atlas und Epistropheus bei den eingeborenen Formosanern*, *Folia anatomica Japonica*, 1924. **11**, 221-46, **59**, 448, *rev.*
- Tuck, F. B., *The action of the living cell. Experimental researches in biology*, 1933. **68**, 285-6, *rev.*
- Tucker, A case of proptosis and oxycephaly, **39**, 504, *rep.*
- Tuckerman, F., Some observations in reference to bilateral asymmetry of form and function, **19**, 307-8
 Supernumerary leg in a male frog, **20**, 516-19
 The tongue and gustatory organs of *Fiber zibethicus*, **22**, 135-41
 The anatomy of the papilla foliata of the human infant, **22**, 499-501
 The gustatory organs of *Vulpes vulgaris*, **23**, 201-5
 On the development of the taste organs of man, **23**, 559-82
 The gustatory organs of *Belideus ariel*, **24**, 85-8
 Further observations on the development of taste-organs of man, **24**, 130-1
 The gustatory organs of *Procyon lotor*, **24**, 156-9
 Observations on some mammalian taste-organs, **25**, 505-8
 The gustatory organs of *Ateles ater*, **26**, 391-3
- Tuerk, J. D., *see* Kuypers, H. G. J.
- Tuffier, & Jeanne, On study of the vermiform appendix and ileo-caecal region based on 180 necropsies, **33**, 683 (*ref. only*)
- Tuke, J. Batty, On a case of hypertrophy of the right cerebral hemisphere with coexistent atrophy of the left side of the body, **7**, 257-66
 On blood-vessels to the convolutions [distribution of cerebral vessels] **9**, 201, *rep.*
- Tulley, W. J., *see* Evans, E. G.
- Tuma, Professor, On the histology of the interstitial cells of the human mammary gland, **61**, 491, P.
 The protective apparatus of the placenta in the rabbit, **61**, 491, P.
 Specimens showing interstitial cells of the mammary gland, **61**, 514, P. (*dem. only*)
- Tung, Ti-Chow & Kü, Su-Hwei, Experimental studies on the development of the pronephric duct in anuran embryos, **78**, 52-7
- Tur, Examination of 'first-laid' eggs, **40**, 292, *rep.*
 On multiple embryos, **40**, 294-5, *rep.*
 On a new form of Anidien growth in a bird, **43**, 115-16, *rep.*
 On the teratogenic action by the shell of the egg on bird embryos, **43**, 116, *rep.*
- Turchini, Differences in potential in histology **61**, 512, P.
- Turner, On hereditary defects in the development of enamel, **43**, 119, *rep.*
- Turner, C. J., *see* Asscher, A. W. & de Boer, C. H.
 Harrison, R. J. & Neal, E. G.
- Turner, F. Charlewold, A case of abnormal development of the coronary arteries, **19**, 119
- Turner, L., The structure of the parasagittal arachnoid membrane and the Pacchionian bodies, **91**, 572, P.
see also Rohan, R. F.
- Turner, M. S., *see* Jeffreys, R. V. *et al.*
- Turner, P., *see* Bunn, D. I. G.
- Turner, Philip, Specimens showing (a) two common carotid arteries arising from a common trunk and (b) a right subclavian artery arising from the dorsal aorta, **40**, xiv, P. (*to.*)
- Turner, William, (later Sir William), Reports on the progress of anatomy, **1**, 146-153, 356-7; **2**, 165-76, 392-406; **3**, 195-206, 447-59; **4**, 150-63, 300-10; **5**, 192-200, 375-88; **6**, 433-49; **7**, 167-74; **7**, 326-38; **8**, 159-78; **8**, 386-94; (with D. J. Cunningham) **9**, 190-207; **9**, 388-406; **10**, 440-58
 On a remarkable mode of gestation in an undescribed species of *Arius* (*A. Boakeii*) **1**, 78-82
 On a variation in the origin of the long buccal nerve as elucidating its physiology, [Buccal V₃] **1**, 83-4
 On the musculus sternalis, **1**, 246-53
 On the brain of *Dasyptus sexcinctus*, **1**, 313-15
 the mode of arrangement of the convolutions of the human cerebrum, **1**, 149, *rep.*
Uterus bicornis unicolis, **1**, 152, *rep.*
 A contribution to the anatomy of the pilot whale, **2**, 66-79
 An account of an enormous tumour, presenting the type of structure of the chorda dorsalis, **2**, 247-52
 on rectus thoracis in man and its relations to the mammalian rectus muscle, **2**, 392-4, *rep.*
 On right-sided arch of aorta in man, **2**, 396, *rep.*
 On the cranium of an apparently new species of arctocephalus, **3**, 113-17
The anatomical memoirs of John Goodsir, 2 vols., 1868. **3**, 194, *rev.*
 Further observations on the stomach in the *Cetacea*, **3**, 117-19
 On variation in the long buccal nerve, **3**, 198-9, *rep.*
 On double ento-cuneiform bone, **3**, 448, *rep.*
 On valve of superior vena cava, **3**, 452-4, *rep.*
 On supernumerary cervical ribs, **4**, 130-9
 Note of a case of displacement of the sub-maxillary glands, **4**, 147
 On the species of seal found in Scotland in beds of clay, **4**, 260-70
 Note on the capture of the grey seal, *Halichoerus grypus*, on the coasts of Fife and Forfar, **4**, 270-1
 On the sternum and ossa innominata of the Long-niddry whale, **4**, 271-81
 On musculus rectus thoracis, **4**, 300, *rep.*
 Case in which in man the pericardium was unattached to the diaphragm, with a parallel illustration from the walrus, **5**, 114-16
 On a rudiment of the panniculus carnosus superficial to the trapezius, **5**, 116-17
 On the so-called two-headed ribs in whales and in man, **5**, 348-61
 On the transverse processes of the seventh cervical vertebra in *Balaenoptera sibbaldii*, **5**, 361-2
 On anatomy of *Balaenoptera sibbaldii*, **5**, 382-3, *rep.*
 On the sperm whale, **5**, 383, *rep.*
 On gravid uterus and foetal membranes of *Orca gladiator*, **5**, 383-4, *rep.*
 Some additional variations in the distribution of the nerves of the human body, **6**, 101-6
 On the sternum of the sperm whale (*Physeter macrocephalus*) **6**, 377-80
 On variation of m. tensor fasciae suralis and m. tensor fasciae poplitealis, **6**, 442, *rep.*
 On sperm whale in Scottish seas, **6**, 445, *rep.*
 Some observations on the dentition of the narwhal (*Monodon monoceros*) **7**, 75-9

- Turner, William** (later Sir William), Observations on the structure of the human placenta, 7, 120-33
- On skull of *Ziphius cavirostris*, 7, 173, *rep.*
- A contribution to the visceral anatomy of the Greenland shark, 7, 233-50
- On the so-called prickle or claw at the end of the tail of the lion and other felines, 7, 271-3
- On an edentulous condition of the skull of the grey seal (*Halichoerus gryphus*) 7, 273-4
- On the placentation of the sloths, 7, 302-3
- On horseshoe kidney, 2 cases, 7, 331-2, *rep.*
- On anatomy of human placenta, 7, 333, *rep.*
- Note on a bidental skull of a narwhal, 8, 133-4
- On the relations of the convolutions of the human cerebrum to the outer surface of the skull and head, 8, 142-8
- On relation of convolutions of the brain to intelligence, 8, 173, *rep.*
- Additional observations on the anatomy of the Greenland shark (*Laemargus borealis*) 8, 285-90
- Further examples of variations in the arrangement of the nerves of the human body, 8, 297-9
- An illustration of the relations of the convolutions of the human cerebrum to the outer surface of the skull, 8, 359-61
- On the placentation of the sloths, 8, 362-76
- On *Phoca groenlandica* as a British species of seal, 9, 163-5
- Observations on the spiny shark (*Echinorhinus spinosus*), 9, 297-301
- On the presence of spiracles in the Porbeagle shark (*Lamna cornubica*) 9, 301-2
- An introduction to human anatomy, including the anatomy of the tissues, Part I, 1875. 9, 386, *rev.*
- On the structure of the diffused, the polycotyledonary and the zonyary forms of placenta, 10, 127-77
- Note on the placental area in the cat's uterus after delivery, 10, 433-4
- Some general observations on the placenta, with especial reference to the theory of evolution, 11, 33-53
- On the structure of the non-gravid uterine mucous membrane in the kangaroo, 10, 513-15
- Additional note on the dentition of the narwhal, 10, 516
- On the placentation of the Cape ant-eater (*Orycteropus capensis*) 10, 693-706
- Note on the lobules and the connective tissue of the camel's liver, 11, 354-6
- Note of a case of a supernumerary upper incisor tooth, 12, 142-3
- On the placentation of lemurs, 12, 147-53
- A human cerebrum imperfectly divided into two hemispheres, 12, 241-53
- On the placentation of the apes, with a comparison of the structure of their placenta with that of the human female, 12, 495, *abs.*
- Notes on some rare prints of stranded sperm whales, 12, 593-600
- Note on the foetal membranes of the rein-deer, (*Rangifer tarandus*) 12, 601-3
- Note on the oviducts of the Greenland shark (*Laemargus borealis*) 12, 604-7
- On the placenta of the hog-deer (*Cervus porcinus*) 13, 94-8
- On the cotyledonary and diffused placenta of the Mexican deer (*Cervus mexicanus*), 13, 195-200
- On exostoses within external auditory meatus, 13, 200-3
- Report on recent memoirs on the anatomy of the brain (with bibliography of 62 papers) 13, 266-89
- Notes on the dissection of a negro, 13, 382-86
- A loop-like bifurcation of the external carotid artery, 13, 399
- The form and structure of the teeth of *Mesoplodon layardii* and *Mesoplodon sowerbyi*, 13, 465-80
- Note on Professor Scott's paper on articulation between two ribs, 13, 577
- On the pori abdominales in some sharks, 14, 101-2
- A description of a cleft sternum, 14, 103-6
- On the foetal membranes of the cland (*Oreas canna*) 14, 241-3
- Notes on the dissection of a second negro, 14, 244-8
- The structure of the comb-like branchial appendages and of the teeth of the basking shark (*Selache maxima*) 14, 273-86
- Note on W. J. Walsham's paper on observations of the coronary veins of the stomach, 14, 403-4
- Two masks and a skull from islands near New Guinea—a contribution to anthropology, 14, 475-94
- The form and proportions of a foetal Indian elephant, 15, 519-22
- The cranial characteristics of the Admiralty Islanders, 16, 106-36
- A specimen of Sowerby's whale (*Mesoplodon bidens*) captured in Shetland, 16, 458-70
- A specimen of Rudolphi's whale (*Balaenoptera borealis* or *laticeps*) captured in the Firth of Forth, 16, 471-84
- A secondary astragalus in the human foot, 17, 82-3
- Some variations in the bones of the human carpus, 17, 244-9
- A first dorsal vertebra, with a foramen at the root of the transverse process, 17, 255-6
- Cervical ribs, and the so-called bicipital ribs in man, in relation to corresponding structures in the cetacea, 17, 384-400
- A second specimen of a first dorsal vertebra with a foramen at the root of the transverse process, 18, 223, *anat. not.*
- Case of absence of the semi-membranous muscle; also case of absence of gemelli and quadratus femoris, 18, 463, *anat. not.*
- Note on hereditary deformity of the hand, 18, 463-4, *anat. not.*
- The relation of the alveolar form of cleft palate to the incisor teeth and the intermaxillary bones, 19, 198-213
- The dumb-bell-shaped bone in the palate of *Ornithorhynchus* compared with the prenasal bone of the pig, 19, 214-17
- The infra-orbital suture, 19, 218-20
- Additional note on the oviducts of the Greenland shark (*Laemargus borealis*) 19, 221-2
- Absence of extensor carpi ulnaris and presence of an accessory sural muscle, 19, 333-4, *anat. not.*
- The index of the pelvic brim as a basis of classification, 20, 125-43
- The anatomy of a second specimen of Sowerby's whale (*Mesoplodon bidens*) 20, 144-88
- The sacral index in various races of mankind, 20, 317-23
- Additional note on the Navajo Indian skull, 20, 430-1
- The lumbar curve of the spinal column in several races of men, 20, 536-43
- Note of another case of secondary astragalus, 21, 334-5, *anat. not.*
- On variability in human structure as displayed in different races of men, with especial reference to the skeleton, 21, 472-95
- The pineal body (epiphysis cerebri) in the brains of the walrus and seals, 22, 300-3
- Comparison of the convolutions of the seals and walrus with those of the carnivora, and of apes and man, 22, 554-81

- Turner, William, (later Sir William), The placentation of the *Halicore dugong*, 23, 640-1
 Additional observations on the stomach in the ziphioid and delphinoid whales, 23, 466-92
 The cell theory, past and present, 24, 253-87 (rev.)
 Human neck with the odontoid process distinct from the body of the axis vertebra, 24, 358-9
 The convolutions of the brain, a study in comparative anatomy, 25, 105-53
 Human cerebrum with a remarkably modified fronto-parietal lobe, 25, 327-37; 25, viii, P.
 The relations of the dentary arcades in the crania of Australian aborigines, 25, 461-72; 25, xvii, P. (i.o.)
 Double right parietal bone in an Australian skull, 25, 473-4
 Cell theory, past and present, 25, i, P. (SMS)
 Relationship of the alveolar form of cleft palate to the incisor teeth, 25, viii-ix, P.
 A pair of supernumerary teeth in the molar region, 26, 60-1
 Notes on some of the viscera of Risso's dolphin (*Grampus griseus*), 26, 258
 The cerebral hemispheres of *Ornithorynchus paradoxus*, 26, 357-61; 26, vii, P.
 On antler growing in deer, 26, xvii-xviii, P.
 A phrenic nerve receiving a root of origin from the descendens hypoglossi, 27, 427
 Demonstration of antlers of roe-deer, 27, ii, P.
 On tattooed skin, 27, ii, P.; On complete transposition of viscera, 27, ii, P.
 Demonstration of moderator band in left ventricle of human heart, 27, xix-xx, P.
 The foetus of *Halicore dugong* and of *Manatus senegalensis* 28, 315-32
 On M. Dubois' description of remains recently found in Java, named by him *Pithecanthropus erectus*. With remarks on so-called transitional forms between apes and man, 29, 424-45
 Further notes on the brain of *Ornithorhynchus paradoxus*, 30, 280-2
 Another heart with moderator band in the left ventricle, 30, 568-9
 Notes on the dissection of a third negro, 31, 624-6
 A decorated sculptured human skull from New Guinea, 32, 353-61
 Moderator band in left ventricle and tri-cuspid left auriculo-ventricular valve, 32, 373-6
 A rare form of palatal suture, 33, 674-5
 An Australian skull with 3 supernumerary upper molar teeth, 34, 273-4
 Double left parietal bone in a Scottish skull, 35, 496
 Hyoid apparatus in man, in which a separate epi-hyal bone was developed, 36, 162-3
 The general characters of the crania of the people of Scotland, 37, 392-408
 Preface to new series, 40, v-vii, P.
 see also Garrod, A. H.
 Turner, W. Aldren, A contribution to the pathology of retro-bulbar neuritis, 24, 504-8
 On the minute anatomy of the pes hippocampi by Dr L. Sala and on some general anatomical facts brought out by Golgi's method, 25, 578-81
 The central connections and relations of the trigeminal, vaso-glossopharyngeal, vago-accessory and hypoglossal nerves, 29, 1-15
 see also Ferrier, D.
 Tweedy, H. C., Case of single unilateral kidney, 28, 340-1
 Tweedy, John, On absence of thoracic portion of pectoralis major and whole of pectoralis minor, 7, 327, rep.
 Tylecote, Two cases of patent foramen, 38, 367, rep.
 Tynen, J., see Joseph, H. & Thomas, G. A.
 Tyrie, C. C. Baxter, Axial rotation of abdominal aorta, with associated abnormalities of the branches, 28, 281-7
 Musculus saphenus, 28, 288-90
 Three cases of congenital absence of the whole or part of a bone, 28, 411-13
 Tyrrell Brooks, W., see Brooks, W. Tyrrell
 Tyson, James, *The cell doctrine; its history and present state*, 1870. 4, 285, rev.
 On distribution of nerves to vessels of the hilum of the kidney, 4, 304, rep.
Guide to the practical examination of urine, 1875. 10, 658, rep. (notice)
 Uhl, Three cases of absence of one kidney, 39, 507, rep.
 Uhlenhuth, E., *Problems in the anatomy of the pelvis, an atlas*, 1953. 88, 432, rev.
 Ullrich, see Kollenkamp
 Ullrich, P., Uterus duplex bicornuatus, 1 case, absence of vagina and uterine tubes, 1 case, uterus unicornuatus, with absent adnexa, 1 case, uterus infantilis, 34, 421, rep.
 Underwood, Arthur, S., An inquiry into the anatomy and pathology of the maxillary sinus, 44, 354-69
 Underwood, G., On the visual-cell pattern of a homalopsine snake, 100, 571-5
 Unterberger, On a case of pseudohermaphroditism, 38, 363, P.
 Urbain, see Mathieu
 Urbain, V., On the dissociation of bicarbonate of soda at 100°, 11, 556, rep.
 see also Mathieu, E.
 Urbantschitsch, On perception of sound, 6, 474, rep.
 Urbantschitsch, V., On development of the tympanum, 9, 220, rep.
 On low intensity sounds, 10, 634, rep.
 Urist, M. C., see McLean, F. C.
 Uschakoff, On the extent of visual field, 5, 399, rep.
 Uspensky, On influence of continuous current on spinal cord, 4, 323, rep.
 see also Bezold, A. von
 Ustimovitch, C., On secretion of urine, 6, 243-4, rep.
 Vacek, Z., Hahn, P. & Koldovský, O., The effect of rearing infant rats at three environmental temperatures on the structure of some of their organs, 95, 210-19
 Vagtberg, H., editor, *The baboon in medical research. Proceedings of the First International Symposium on the baboon and its use as an experimental animal*. 1965. 100, 210-11, rev.
 Vaillant, E., On action of oxethyl chloride strychnia, 5, 204-5, rep.
 Valdés-Dapena, Marie A., *An atlas of fetal and neonatal histology*, 1958. 93, 141, rev.
 Valenti, On hydatiform mole, 29, 465, rep.
 Valenti, G., Cyclopia, 30, 459, rep.
 Brain in which two optic thalami united by mesial surfaces, 31, 457-8, rep.
 A case of displaced left kidney, 31, 460, rep.
 Three cases of supracondylar process, 31, 462, rep.
 — & Pisenti, G., Duplicata parasitica, 31, 457, rep.
 On a case of bifurcated third rib, 36, 304, rep.
 Valentin, On electromotor properties of embryonic nerve and muscle, 6, 223, rep.
 On effect of section of vagus on extravasations in lung, 6, 234, rep.
 Valentin, G., On the electrical tetanisation of nerves and muscles, 10, 652, rep.

Author Index

- Valentine, R. C. editor, *Electron microscopy*, 1962, *Brit. med. Bull.*, vol. 18, no. 3, 97, 293, *rev.*
- Valverde, F., Studies on the forebrain of the mouse, Golgi observations, 97, 157-80
- Studies on the pyriform lobe*, 1965, 100, 677, *rev.*
- Van, names with this prefix are to be found under main part of name
- Vanverts, J. & Ramond, F., Congenital ascites, 31, 461, *rep.*
- Variot, On malformation of pinna, 27, 419-20, *rep.*
- Variot, G., On hemimelia, 1 case, 26, 439, *rep.*
- Varley, on electrical current from muscular contraction, 5, 405-6, *rep.*
- Vaughan, On persistence of the branchial cleft, 33, 683 (*ref. only*)
- Vaughan, A. E., Persistent branchial clefts, 1 case, 34, 418, *rep.*
- Vaughan, J., editor, *Strangeways' Veterinary anatomy*, 2nd ed., 1879, 14, 271, *rev.*
- Vaughn, J. E. & Peters, A., Aldehyde fixation of nerve fibres, 100, 687, *P.*
- Electron microscopic study of the postnatal development of astrocytes in rat optic nerve, 100, 925, *P.*
- Vazquez-Lopez, E., The existence of microglia in the neurohypophysis, 76, 178-86
- Velden, R. van der, On conjugate sulphates in human urine, 11, 566, *rep.*
- Venning, P., Cone-shaped epiphyses of the proximal phalanges of the toes, 89, 578, *P.*
- Verhaart, W. J. C., The pyramidal tracts in the cord of the elephant, 97, 152, *P.*
- A stereotactic atlas of the brain stem of the cat*, Part I and II, 1964, 99, 188, *rev.*
- & Kennard, Margaret A., Corticofugal degeneration following thermocoagulation of Areas 4, 6 and 4-s in *Macaca mulatta*, 74, 239-54
- see also* Crevel, H. van
- Verigo, On convulsant and paralytic actions of conia, 6, 498, *rep.*
- Verne, J. *see* Brance, A.
- Verney, E. B., *see* Sellwood, R. V.
- Vernon, E., The intrapontine part of the motor root of the facial nerve, 66, 66-75
- Vernon-Roberts, B., *see* Nicol, T. & Quantock, D. C.
- Verocay, Two cases of fusion of the kidneys, 44, 104, *rep.*
- Vicary, T., *The anatomie of the bodie of man* (ed. F. J. Furnivall & P. Furnivall) 1888, 23, 164, *rev.*
- Vierordt, On sensibility of touch, experiments in man, 5, 210, *rep.*
- Vierheller, *see* Eckhard
- Vierordt, On a method of colorimetry, 4, 328, *rep.*
- Vierordt, C., On spectrum of hydrobilirubin, 8, 209, *rep.*
- Vierordt, K., On spectroscopy of urinary and biliary pigment, 9, 448, *rep.*
- Vierten, H., *see* Schoenmackers, J.
- Viet, Connection between polydactyly and cerebral malformations, 40, 300, *rep.*
- Vignal, M., *see* Rutherford, W.
- Villaret, *see* Launois
- Villegas, Gloria, Ultrastructure of the human retina, 98, 501-13
- Villemin, Congenital atresia of the oesophagus, 39, 505, *rep.*
- Villiger, E., *Die periphere Innervation*, 7th ed. 1938, 73, 348, *rev.*
- Vincent, On the suprarenal bodies, 33, 505 (*ref. only*)
- Vincent, S. & Barnes, A. S., On the structure of the red glands in the swim-bladder of certain fishes, 30, 545-58
- & Curtis, F. R., A note on the teleostean adrenal bodies, 62, 110-14
- Vincent, S. A., Mechanical factors in micturition, 93, 582-3, *P.*
- The importance of form in the bladder neck region, 95, 619, *P.*
- & McFadden, G. D. F., The role of mucosal apposition in urinary and faecal control, 91, 616-17, *P.*
- An instrument for use in the study of the mechanics of the bladder neck, 92, 639, *P.*
- Vincent, Swale, A discussion of some points in connection with the suprarenal glands—cortical and medullary, 38, 34-48
- & Harrison, H. Spencer, On the haemolymph glands of some vertebrates, 31, 176-98
- Vineberg, Teratoma of right ovary, 38, 370, *rep.*
- On a case of uterus didelphys, 43, 117, *rep.*
- Vines, Sydney, H., On the digestive ferment of nepenthes, 11, 124-7
- Vint, F. W., The brain of the Kenya native, 68, 216-23
- Vintochgau, on the action of physostigmin[e] on *amphibia*, 2, 185-6, *rep.*
- & Diel, influence of food and digestion on rectal temperature, 5, 409, *rep.*
- Vintschgau, M. von & Diel, M. J., on the action of warm solutions of potash on glycogen, 11, 563, *rep.*
- Virchow, On concretions in muscle of the pig, 1, 159, *rep.*
- On the source of pulmonary pigment, 1, 359, *rep.*
- On third germinal layer of hen egg, 9, 403, *rep.*
- on xiphodymia, 26, 432, *rep.*
- On Bagelli dwarfs in the Cameroons, 33, 685 (*ref. only*)
- On the anthropology of the Philippines, 33, 685 (*ref. only*)
- Virchow, Hans, On the skeleton of the extended hand, 33, 350 (*ref. only*)
- Virchow, R., On crania of Norse people, 5, 192, *rep.*
- On affinities of cranium of man and apes, 6, 435, *rep.*
- On formation and transformation of bone, 9, 443, *rep.*
- Crania Ethnica Americana*, 1892, 27, 565, *rev.*
- Virden, J. E., Sprengel's shoulder, 1 case, 34, 422, *rep.*
- Viry, *see* Onimus
- Vizioso, A., The relationship between internodal length and growth in human nerves, 84, 342-53
- & Young, J. Z., Internode length and fibre diameter in developing and regenerating nerves, 82, 110-34
- see also* Shepherd, R. H. & Sholl, D. A.
- Vogel, on reaction of milk to litmus, 8, 427, *rep.*
- Vohl, *see* Eulenberg, A.
- Voisin & Liouville, On the effects of curara [curare] 1, 368, *abs.*
- & Nathan, A case of triphalangeal thumb, 38, 371, *rep.*
- Voit, On urea excretion during starvation, 2, 182, *rep.*
- On luxus-consumption, formation of fat in animal body, metamorphosis of albumin, and fat in nutrition, 4, 321-3, *rep.*
- On nutritive value of gelatine, 7, 350, *rep.*
- see also* Pettenkofer
- Voit, C., on uraemia, 3, 240, *rep.*
- On the origin of urea in the animal body, 3, 240, *rep.*
- On absorption from large intestine, 4, 180, *rep.*
- On significance of gelatine-yielding tissues for nutrition, 9, 429-30, *rep.*
- Völchers & Hensen, On accommodation in dogs, 1, 360
- see also* Hensen
- Völkers, *see* Hensen & Völchers

- Volkman, On exhaustion in muscle, 5, 218, *rep*
 On muscle fatigue, 5, 405, *rep*
 On relations of elasticity to muscular activity, 7, 357, *rep*
- Volkman, A. W., On nature of contractility and extensibility of muscles, 5, 405, *rep*
 On rotation of trunk, 7, 329, *rep*
 On the theory of intercostal muscles, 11, 558, *rep*
- Volkov, Supernumerary bones of the foot, and triphalangy, 37, 310, *rep*
- Voll, On abnormalities of the uterus, 26, 436, *rep*
- Vollrath, L., *see* Knowles, Sir Francis
- Volpa, A case of diphallos, 38, 369-70, *rep*
- Voltolini, On nerve supply of tensor tympani, 10, 634, *rep*
- Vonwiller, demonstration of observation of blood stream on the lower aspect of tongue, in mice, 61, 519, *P*
- & Demole, demonstration of observation of living parasites in blood of mammals, 61, 519, *P*
- Voogd, J., *The cerebellum of the cat*, 1964. 99, 404-5, *rev*
- Voss, H., *Bibliographie der Menschenaffen (Schimpanse, Orang, Gorilla)* 1955 90, 159, *rev*
Embryologischer Atlas für Studenten, 2nd ed 1962 97, 137, *rev*
Topographisch-anatomische Präparierübungen, 10th ed, 1964 99, 676, *rev*
- Vossius, A., Microphthalmic eyes, 32, 788, *rep*
- Vram, On the lower human premolars, 33, 506 (*ref. only*)
- Vrbová, G., *see* McMinn, R. M. H.
- Vrolik, A. J., *Studien über die Verknöcherung und die Knochen des Schädels*, 1873 9, 387, *rev*
- Vrolik, W. T., *Anteekeningun over de ontleedkunde van den Korpus der Zoogdieren*, 1866 1, 352, *rev*
- Vulpian, On the effect of strychnia [strychnine] 2, 421-2, *rep*
 On action of venom of the cobra-di-Capella, 3, 481, *rep*
 On influence of nervous lesions on muscular contractility, 6, 472, *rep*
 On trophic action of nervous centres on muscular tissue, 7, 178, *rep*
 On connections and effects of stimulation of chorda tympani, 7, 342-3, *rep*
 On the septic virus, 7, 359, *rep*
 On influence of traumatic lesions of nerves on muscles, 8, 186, *rep*
 On vaso-motor action of the splanchnic nerve, 8, 186, *rep*
 On union of the cut end of the lingual and hyperglossal, 8, 186, *rep*
 On chorda tympani, 8, 187, *rep*
 On effects of extirpation of the superior cervical ganglion on the movements of the iris, 8, 398-9, *rep*
 On physiology of vaso-dilator nerves, 8, 399, *rep*
 On section of the chorda tympani, 8, 399, *rep*
 On the union end to end of sensory with motor fibres, 8, 400, *rep*
 On physiology of vasodilator nerves, 9, 214, *rep*
 On junction of sensory and motor nerves, 9, 219, *rep*
 On movements of the heart, 9, 230, *rep*
 On experimental pathological studies on the physiological action of toxic and medicinal substances, 10, 654, *rep*
 Excessive perspiration not necessarily associated with increased cutaneous circulation, 13, 267-8, *rep*
- Vulpian, A., on influence of amputation of leg on structure of spinal cord, 3, 209-10, *rep*
 On action of spinal cord of iodide of phosphethyl, 3, 223, *rep*
 On action of cyclamine, 3, 226-7, *rep*
 On the chorda tympani nerve, 3, 451, *rep*
 On action on conductivity of spinal nerves of curara, 4, 314, *rep*
 On the cerebrum, 4, 182-4, *trs rep*
 On mode of toxic action of strychnia and curara, 4, 313-14, *rep*
 On regeneration of nerves, 6, 472, *rep*
 On influence of removal of superior cervical ganglion on movement of iris, 9, 214, *rep*
 On deep origin of vasomotor nerves, 9, 216, *rep*
 On the so-called autogenic regeneration of nerves, 9, 413, *rep*
Leçons sur l'appareil vaso-moteur, 1875. 9, 450, *rep* (*notice*)
 On vasodilator action of glossopharyngeal nerve on tongue, 10, 626, *rep*
 Experimental researches on the sweat nerves of the cat, 13, 260-1, *abs*
 On some phenomena of vasomotor action observed in the course of investigations on the physiology of the excito-secretory nerves, 13, 261-2, *rep*
 Comparison between the salivary and sudoriparous glands as regards the effect of section of their excito-secretory nerves, 13, 262-3, *rep*
see also Philipeaux, J. M.
- Waas, M. J., The meningeal arteries in man, 85, 433, *P*
- Wace Carlier, E., *see* Carlier, E. Wace
- Waddell, L. A., The urea elimination under the use of potassium fluoride in health, 18, 145-9
- Waddington, C. H., *Organisers and genes*, 1940. 75, 141-2, *rev*
- & Waterman, A. J., Experiments in the development of the early rabbit embryo, 67, 208, (*disc. only*)
 The development *in vitro* of young rabbit embryos, 67, 355-70, 67, 208, *P* (*disc. only*)
- Wade, H. J., The exogenous cellular content of the neurohypophysis in man under normal conditions, 72, 216-25
- Waegeli, Two cases of multiple congenital deformities, 44, 97, *rep*
- Wagenen, Gertrude van & Simpson, Miriam E., *Embryology of the ovary and testis in Homo sapiens and Macaca mulatta*, 1965. 100, 678-9, *rev*
- Wagenen, G. van, *see also* Asling, C. W. & Marovitz, W. F.
 Zuckerman, S.
- Wagener, G. R., On transversely striped muscle structure, 8, 161, *rep*
- Wagstaffe, W. W., Observations in human anatomy, 5, 274-81
 Two cases showing a peculiar arrangement in the fibres of the external pterygoid muscle in man, 5, 281-4
 On congenital defect of inter-atrial septum, 5, 380, *rep*
 Partial deficiency of the tendon of the long flexor of the thumb, 6, 212-14
 Description of an accessory muscle in connection with the popliteus, 6, 214-15
 Peculiar malformation of the leg and foot, 7, 156-60
The student's guide to human osteology, c 1877. 10, 438, *rev*
 On arrangement of bone trabeculae, 10, 441-2, *rep*
 Case of abnormal duodenum, 58, 178-9
- Wahby, B., Abnormal nasal bones, 38, 49-51
- Wahlgren, F., On zoology and anatomy of *Mola nasus*, 3, 206, *rep*

Author Index

- Wainman Findlay, J.**, *see* Findlay, J. Wainman
- Wajda, H. S.**, *see* Clark, W. E. Le Gros
- Wakefield, P. A.**, Congenital malformation of the liver—absence of lobus spigelii, rudimentary quadrate and left lobes, with enlargement of the right lobe, 33, 50-3
- Wakeley, Cecil P. C.** (later Sir Cecil), A case of duplication of the ureters, 49, 148-54
 A case of congenital atresia of the ileum, 51, 65-8; 51, 7-8, P. (June 1916)
 A case of congenital scoliosis due to the suppression of half a vertebra, 57, 147-8
 A case of congenital malformations of the intestinal canal, 57, 216-20
 A large diverticulum of the urinary bladder, 57, 375-7
 Bilateral epiphysis at the basal end of the second metacarpal, 58, 340-5
 Congenital synostosis of radius and ulna, 59, 16-17, S.P.
 Case of congenital scoliosis due to the suppression of half a vertebra, 59, 35, S.P.
 Multiple congenital malformations of the intestinal canal in a new-born child, 59, 41-2, S.P.
 Diverticulum of the bladder, 59, 63, S.P. (t.o.)
 X-rays of hands of two-year-old female child showing basal epiphysis of second metacarpal bone on each side, 59, 84, S.P.
 Exhibition of acrocephalic family, 60, 477, P.
 Demonstration of 'double gall-bladder', 61, 489, P.
 A note on the architecture of the ilium, 64, 109-10, P.
 Congenital atresia of the duodenum, 64, 527-8
 Exhibition of specimens of aortic valve with supernumerary cusp and stenosis of the duodenum from an infant who lived 9 weeks, 65, 170, P.
 A case of congenital absence of the radius in a woman aged 38, 65, 506-8
 The position of the vermiform appendix as ascertained by an analysis of 10,000 cases, 67, 277-83; 67, 207, P.
 — & **Edgeworth, F. H.**, A note on the afferent nerve-supply of the facial muscles, 67, 420-1
 — & **Gladstone, R. J.**, The relative frequency of the various positions of the appendix vermiformis, as ascertained by an analysis of 5000 cases, 63, 157, P.
see also Colwell, H. A. & Gladstone, R. J.
 Colwell, H. A. & Thomson, M. S.
 Gladstone, R. J.
- Walb**, On traumatic keratitis, 9, 415, *rep.*
- Walberg, F.**, *see* Bowsher, D. & Brodal A.
 Brodal, A. & Pompeiano, O.
- Waldenström, J. A. & Almén, A.**, on changes in urine, induced by internal and external applications of phenol, 5, 229-30, n.
- Walder, D. N.**, *see* Barlow, J. E. and Haigh, A. L.
- Waldeyer, H. W. G.**, On development of the chick, 3, 458, *rep.*
 On Wolffian bodies, 4, 161, *rep.*
- Waldeyer, H. W. G.**, *Eierstock und Ei, ein Beitrag zur Anatomie und Entwicklungsgeschichte der Sexualorgane*, 1870, 4, 282-5, *rev.*
- Waldeyer, W.**, On cells of the connective tissue, 9, 394-5, *rep.*
Beiträge zur Kenntniss der Lage der weiblichen Beckenorgane, nebst Beschreibung eines frontalen gefrierschnittes des uterus gravidus in situ, 1892, 26, 573, *rev.*
Sylvische Furche und Reilsche Insel des Genus Hylobates, 1891, 28, 380, 382, *rev.*
Das Gibbon-Hirn, 28, 380, 382, *rev.*
 The topographical anatomy of the outer wall of the pelvis with reference to the position of the ovary, 31, xxxiv, P. (t.o.); 32, xxii, P. (t.o.)
- Topographical sketch of the lateral wall of the pelvic cavity, with special reference to the ovarian groove, 32, 1-10
- Walker**, *see* Hermann
- Walker**, Familial malformation of the hand, 37, 310, *rep.*
- Walker, A. Earl**, The projection of the medial geniculate body to the cerebral cortex in the macaque monkey, 71, 319-31
 The thalamus of the chimpanzee, IV. Thalamic projections to the cerebral cortex, 73, 37-93
 — & **Fulton, John F.**, The external configuration of the cerebral hemispheres of the chimpanzee, 71, 105-16
- Walker, Cranston**, Absence of pre-maxilla, 51, 392-5
- Walker, D. G.**, *Malformations of the face*, 1961, 97, 291, *rev.*
 — & **Wirtschafter, Z. T.**, *The genesis of the rat skeleton. A laboratory atlas*, 1957, 91, 413, *rev.*
- Walker, E.**, *see* Posener, K. & Weddell, G.
- Walker, F. H. Aitken**, Blood supply and lymphatic drainage of thyroid gland, 68, 126-7, P.
- Walker, H. Secker**, On age changes and surgical anatomy of the temporal bone, 36, xxvi, P. (t.o.)
- Walker, J. W. Thomson**, On the surgical anatomy of the prostate, 40, 189-209
 Surgical anatomy of the prostate, 40, vii-viii, P.
- Walker, R.**, On a new species of *Amblypterus* (*Am. Anconoechmodus*) 7, 338, *rep.*
 on lower jaw of common porpoise, 8, 176-7, *rep.*
- Walker, Robert**, On the hooded seal (*Cystophora cristata*) 7, 335, *rep.*
- Walker, W. F.**, *Vertebrate dissection*, 1954, 89, 423-4, *rev.*; 2nd ed., 1960, 95, 144-5, *rev.*
- Walkhoff, F.**, On structure of ductus arteriosus, 4, 302, *rep.*
- Wall, P.**, *see* Glees, P.
- Walla**, A case of unioval triplets, 37, 302, *rep.*
- Wallace Jones, H.**, *see* Jones, H. Wallace
- Wallace, Alfred Russel**, *Contribution to the theory of natural selection*, 1870, 5, 184-90, *rev.*
On natural selection, 2nd ed. 1871, 6, 363, 370, *rev.*
- Wallace, D.**, Note on the nerve supply of the musculus sternalis, 21, 153-4, *anat. not.*
- Wallenstein**, *Peromelia*, 1 case, 34, 421, *rep.*
- Waller & Prevost**, on nerves of deglutition, 5, 210, *rep.*
see also Prevost
- Waller, B. C.**, On the morbid anatomy of certain forms of post-scarlatinal nephritis, in relation to their bearing on the histogeny of granular kidney, 14, 432-48
- Waller, W. H.**, The thalamus of the cat after hemidecortication, 72, 475-87
 Thalamic degeneration induced by temporal lesions in the cat, 74, 528-36
- Walls, E. W.**, *Myrmecophaga jubata*: an embryo with placenta, 73, 311-17; 72, 169, P.
 The central nervous system in a case of congenital absence of one leg, 74, 141, P.
 Specialized conducting tissue in the heart of the golden hamster (*Cricetus auratus*) 76, 359-68; 76, 224, P. (t.o.)
 Specialized conducting tissue in the heart of the common hedgehog (*Erinaceus europaeus*) 77, 294-8
 Dissection of the atrioventricular node and bundle in the human heart, 79, 45-7
 The laxator tympani muscle, 80, 210, *anat. not.*
 Dissection of the human atrio-ventricular bundle, 80, 221, P.
 The development of the specialized conducting tissue of the human heart, 81, 93-110; 80, 237, P.

- Walls, E. W., An investigation into the regenerative capacity of mammalian heart muscle, 83, 66, P.
 The blood supply of the lungs, 84, 81, P.
 The fibre constitution of the human gastrocnemius and soleus muscles, 87, 437, P.
 Certain features of the anatomy of the anal canal, 89, 574-5, P.
 Observations on the anal intramuscular glands and on perianal fascia, 97, 471, P.
 The Journal of Anatomy, 1867-1966, Volume 100, 100, 1-4
 — & Buchanan, T. J., Observations on the capillary blood vessels of the human nail fold, 90, 329-36
 — & Floyd, W. F., Electromyographic study of the external anal sphincter in man, 87, 450, P.
 — & Gould, R. P., The epithelium of the adult anal canal, 90, 561, P.
 — & Philipp, E. E., in collaboration with Atkins, H. J. B., editors, *On the influence of mechanical and physiological rest in the treatment of accidents and surgical diseases, and the diagnostic value of pain* (Hilton) 6th ed. 1950. 85, 303, rev.
 see also Foxon, G. E. H.
 Gordon-Taylor, Sir Gordon
 Walls, W. K. J., Observations on the oesophageal hiatus of the diaphragm with a description of a case of oesophageal hiatus hernia, 87, 459, P.
 A case of trifid ureter with one branch ending blindly, 92, 673, P.
 see also Holmes, R. L.
 Walmsley, R., Development of the manubriosternal joint, 68, 154, P. (disc. only)
 The sheath of the rectus abdominis, 71, 404-14; 70, 200, P. (disc. only)
 Structure and significance of the rete mirabile in Cetacea, 72, 142, P.
 The development of the patella, 74, 360-8; 74, 141, P.
 — & Bruce, J., Replacement of semilunar cartilages after excision, 72, 162-3, P.
 The early stages of replacement of the semilunar cartilages of the knee joint in rabbits after operative excision, 72, 260-3
 — & Smith, J. W., The reaction of the intervertebral disc to experimental lesions, 84, 74, P.
 Variations in bone structure and the value of Young's Modulus, 91, 603, P.
 The structure and distribution of primary and secondary osteones in, certain adult mammalian long bones, 93, 564-5 P.
 see also Bruce, J.
 Bruce, J. & Ross, J. A.
 Smith, J. W.
 Walmsley, Thomas, Observations on certain structural details of the neck of the femur, 49, 305-13:
 The neck of the femur as a static problem, 49, 314-35
 The epiphysis of the head of the femur, 49, 434-40
 The costal musculature, 50, 165-71
 Mechanism of the hip-joint, 51, 11, P. (June 1916)
 A note on the retinacula of Weitbrecht, 51, 61-4
 Observations on the omohyoid muscle, 52, 319-25
 The reduction of the mammalian fibula, 52, 326-31
 A diverticulum of the appendix, 64, 47-9; 64, 119-20, P.
 An abnormal shoulder joint, 64, 120, P.
 An abnormal heart, in which the aorta was situated in front of the pulmonary artery, 65, 172-3, P.
 Transposition of the ventricles and the arterial stems, 65, 528-40
 The torsion of the femur, 67, 208, P.
 The vertical axes of the femur and their relations. A contribution to the study of the erect position, 67, 284-300; 66, 142, P.
 A manual of practical anatomy. Part I. Upper and lower limbs, 2nd. ed. 1934. 69, 295, rev.; Part II. The thorax and abdomen, 2nd ed. 1939. 74, 146, rev.; part III, 2nd ed., 1936. 71, 550, rev.
 Walsem, G. C. Van, *Leitfaden der mikroskopisch-anatomischen Untersuchung pathologischer Objekte, des Blutes, und des Zentralnervensystems*, 1932. 67, 187, rev.
 Walsh, J. F., on myology of the hand, 33, 500-1, anat. not.
 Walsham, W. J., Observations on the coronary veins of the stomach, 14, 377-98; note on this paper by W. Turner, 14, 403-4
 Abnormal origin and distribution of the upper seven right intercostal arteries, with remarks, 16, 441-5
 A two-headed muscle extending from the front of the axis to the basilar process of the occipital bone (rectus capitis anticus medius) 18, 461, anat. not.
 Walther, On thermo-regulation centres in the brain, 1, 163, rep.
 Wang, Chung-Ching, The earliest stages of development of the blood-vessels and of the heart in ferret embryos, 52, 107-85
 Wanklin & Gamgee, on action of permanganate of potash, on urea, 2, 430, rep.
 Wanklyn, on structural difference between albumin and casein, 6, 465, rep.
 Warbrick, J. C., Notes on the development of the mandibular arch, with special reference to congenital fistulae of the lower lip, 85, 421, P.
 The regeneration of the uterine epithelium at the placental site in post-partum rats, 88, 573, P.
 The early development of the nasal cavity and upper lip in the human embryo, 94, 351-62
 — & Scothorne, R. J., The early development of the nasal cavity and upper lip in the human embryo, 92, 666, P.
 Ward, Uterus didelphys, 37, 308, rep.
 Ward, C. F. Myers-, see Myers-Ward, C. F.
 Ward, D., see Pollak, J. K.
 Wardrop Griffith, T., see Griffith, T. Wardrop
 Ware, C. C., Observations on the action of oestrogens on the phagocytic activity of the reticulo-endothelial system, 93, 571, P.
 Waring, H. & Scott, E., Some abnormalities of the adrenal gland of the mouse with a discussion on cortical homology, 71, 299-314
 Waring, H. J., Left vena cava inferior, 28, 46-50
 The physiological characters of carcinomata (primary and secondary) 28, 142-8
 Paraduodenal union of cystic and hepatic ducts, 1 case, 33, xx, P. (t.o.)
 Warker, E. van der, On movements of the unimpregnated uterus, 10, 654, rep.
 Warlomont & Nuel, On function of ciliary muscle, 10, 634, rep.
 Warnekros, Cleft palate, 44, 99, rep.
 Warner, F. J., The myelinization of the central nervous system of *Natrix sipedon*, 84, 403, P.
 The brain stem in a case of dicephaly in a newborn human foetus, 95, 617, P.
 Warren's *Handbook of anatomy*, Text by Robert M. Green, 1930. 65, 405, rev.
 Warrington, & Monsarrat, Defects of the nervous system in a child aged 8 weeks, 37, 305-6, rep.
 Warthin, A. S., An accessory adrenal, 35, 504, rep.
 Wartmann, L. & Böhm, R., on action of aconitia, 8, 223, rep.
 Warwick, R., The relation of the direction of the mental foramen to the growth of the human mandible, 84, 116-20

- Warwick, R.**, Growth changes in the mental nerve and their relationship to the direction of the mental foramen, 84, 72, *P.*
- A study of retrograde degeneration in the oculomotor nucleus of the rhesus monkey, with a note on a method of recording it, 84, 402-3, *P.*
- Representation of extra-ocular muscles in the oculomotor nucleus of the monkey, 85, 425, *P.*
- A juvenile skull exhibiting duplication of the optic canals and subdivision of the superior orbital fissure, 85, 289-91, *anat. not.*
- An experimental study of the origin of parasympathetic fibres to the ciliaris oculi and sphincter pupillae, 86, 492, *P.*
- Observations upon certain reputed accessory nuclei of the oculomotor complex, 87, 46-53
- A note on the nature of the nerve cells of the ciliary ganglion, 87, 451, *P.*
- The so-called nucleus of convergence, 87, 463, *P.*
- The ocular parasympathetic nerve supply and its mesencephalic sources, 88, 71-93
- The identity and function of the posterior dorso-central nucleus of Panegrossi, 88, 549, *P.*
- The peculiarities of ciliary ganglion neurons, 88, 555, *P.*
- Some observations on the mesencephalic nucleus of the trigeminal nerve, 93, 561, *P.*
- The visual pathway, 93, 570, *P. (TV dem.)*
- & **Mitchell, G. A. G.**, The phrenic nucleus of the rhesus monkey, 89, 562-3, *P.*
- & **Pond, J. B.**, Anatomical investigations with focused ultrasound, 96, 413, *P.*
- see also Mitchell, G. A. G.
- Mitchell, G. A. G. & Samuel, E. P.
- Pond, J.
- Warwick, R. S.**, see also Tomlinson, J. D. W. & Harrison, R. J.
- Warwick, R. T.**, see Clark, W. E. Le Gros
- Warwick, R. T. Turner**, The lymphatics of the breast, 94, 284-5, *P.*
- Waterhouse, H.**, on an atlas vertebrae with anomalous ossification, 27, xxxiii-iv, *P.*
- Waterman, A. J.**, see Waddington, C. H.
- Waters, A. T. H. & Bradshaw, T. R.**, Drawings and preparations on the anatomy of the human lung, 37, lxx, *P.*
- Waters, N. E.**, see Manson, J. D. & Waters, N. E.
- Waterston**, On congenital obliteration of a portion of the alimentary canal, 35 inches beyond the stomach, 43, 122, *rep.*
- Waterston, David**, An osometric index calculator, 33, 301-3
- Craniometric observations in the post-mortem room, 34, 256-9
- editor, *The Edinburgh stereoscopic atlas of anatomy*, 1905. 39, 368-9, *rev.*
- Extreme displacement of the stomach, 39, xiv, *P.*
- An unusual displacement of the heart, 40, 393-4
- Complete bilateral interruption of the fissure of Rolando, 41, 143-6
- Congenital obliteration of a portion of the alimentary canal, 41, 147-8
- On the effects of formalin upon the alimentary canal after death, 44, iii, *P. (t.o.)*
- a note on mammalian oogenesis, 44, iii, *P. (t.o.)*
- The effects of formalin hardening and the persistence of irritability in the muscular coats of the intestine, 45, 16-19
- Duplication of the post-renal segment of the vena cava inferior, 47, 433-5
- Reconstruction in modelling clay: a rapid method of plastic reconstruction from serial sections, 48, 19-23
- A human embryo of twenty-seven pairs of somites embedded in decidua, 49, 90-118
- Developmental changes in the pericardium, the mesocardia, and the pleural sacs in the human embryo, 50, 24-9; 50, 6-8, *P. (January 1915)*
- A simple and rapid method of microphotography, 57, 364-5
- Photographs of human embryos taken by a simple and rapid method of microphotography, 59, 41, *S.P. (t.o.)*
- The development of the hypophysis cerebri in man, 59, 66-7, *S.P.*
- Development of the foramen of Magendie (apertura medialis ventriculi quarti), 59, 67, *S.P.*
- The development of the hypophysis cerebri in man and *Tarsius spectrum*, 60, 477, *P.*
- Demonstration of cervical heart from a calf, 60, 478-9, *P.*
- skeleton from a short cist, 61, 480, *P.*
- Anatomy in the living model*, 1931. 65, 558, *rev.*
- An anomalous heart, 69, 152, *P. (dem.)*
- & **Geddes, A. Campbell**, Notes on the development of the penguin, 43, iii, (July 1907) (*t.o.*)
- & **Robertson, W. G.**, Multiple abnormalities present in an infant born at full term, 59, 42-3, *S.P.*
- The development of the cranial nerve nuclei in the human embryo, 60, 470-1, *P. (t.o. & disc.)*
- see also Hepburn, D.
- Watkyn-Thomas, F. W.**, A cyclopean foetus with hernia encephali, 44, 57-63
- Watkyn-Williams, J.**, on the histology of the spinal cord, retina and encephalon in a cyclopean monster with hernia cerebri, 44, ii, *P. (t.o.)*
- Watney, Herbert**, On histology of alimentary canal, 9, 204, *rep.*
- Watrin, & Florentin**, Demonstration of the influence of x-rays on the salivary glands of *Cavia*, 61, 516, *P.*
- Watson**, A case of cleft palate, hare-lip and cleft nose in child aged 3 months, 37, 306, *rep.*
- Abnormal triplets, 39, 501, *rep.*
- Watson, Anne M.**, Skeletons from El Amrah, 36, 421-2, *A.U.A.A.S.*
- Watson, D. M. S.**, The evolution of tetrapod shoulder girdle and fore-limb, 52, 1-63
- Notes on Mr Kesteven's paper on the pterygoids in amphibia and reptiles and the parasphenoid, 53, 239-40
- Semicircular canals in a fossil fish *Osteolepis*, the oldest known bony vertebrate, 59, 77, *S.P. (t.o.)*
- The internal ear of the *Osteolepis*, 59, 385-6
- Watson, E.**, On the action of calabar bean in tetanus and strychnia poisoning, 2, 186, *rep.*
- Watson, G. W.**, Lantern demonstration on dental pathology, 25, iii, *P. (SMS) (t.o.)*
- Watson, John H.**, Some observations on the origin and nature of the so-called hydatids of Morgagni found in men and women, with especial reference to the fate of the Müllerian duct in the epididymis, 36, 147-61; 36, xxvi, *P. (t.o.)*
- Watson, Katharine, M.**, The origin of the heart and blood vessels in *Felis domestica*, 58, 105-33
- see also Hill, J. P.
- Watson, Morrison**, On the mechanism of perching in birds, 3, 379-84
- Contributions to the anatomy of the Indian elephant, part I, The thoracic viscera, 6, 82-94; part II, Urinary and generative organs, 7, 60-74; part III, The head, 8, 85-94; part IV, Muscles and blood-vessels of the face and head, 9, 118-33
- Note on the termination of the thoracic duct on the right side, 6, 427-8

- Watson, Morrison, Notes of a remarkable case of pharyngeal diverticulum, 9, 134-6
- Notes of a case of double aortic arch, 11, 229-34
- The homology of the sexual organs illustrated by comparative anatomy and pathology, 14, 50-80
- On the curvatores coccygis muscles of man, 14, 407-12
- Watt, Henry J., Experimental contribution to a theory of thinking, 40, 257-66
- Watt, J., 'Milk spots' in the meninges of newborn and stillborn infants, 95, 617, P.
- Watterson, R. L. *editor*, *Endocrines in development*, 1959, 94, 279, *rev.*
- Watts, J. C., The anatomy of modern gunshot wounds, 98, 477, P. (*dem. only*)
- Watts, J. W., A comparative study of the anterior cerebral artery and the circle of Willis in primates, 68, 534-50
- Weakley, Brenda S., Electron microscopy of the oocyte and granulosa cells in the developing ovarian follicles of the golden hamster (*Mesocricetus auratus*), 100, 503-34
- & Coupland, R. E., An electron microscopic study on the development of chromaffin cells in the rabbit, 99, 937, P.
- Weaver, A. D. *see* Bacsich, P., Young, A., MacDonald, A. M.
- Weaver, J. P., Human heart, brain and living eye, 93, 570, P. (*TV dem.*)
- Webb, T. Law, A case of hereditary brachydactyly, 35, 487-8; 36, 306, *rep.*
- Webber, *see* Amory & Webber
- Weber, On reticular formation in the right auricle and anomalous foramen ovale, 33, 682 (*ref. only*)
- Weber, E., On nuclei of striated muscle fibres in the adult frog, 9, 389-90, *rep.*
- Weber, R. J., *see* Taylor, W. T.
- Webster, J. C., An improved method of preparing large sections of tissues for microscopic examination, 25, 278-81
- Webster, K. E., Cortico-striate projections in the rat, 94, 288, P.
- Cortico-striate interrelations in the albino rat, 95, 532-44
- The cortico-striatal projection in the cat, 99, 329-37
- Weddell, G., The anatomy of taste, 72, 175-6, P.
- The frequency of double epiphyses in the metacarpals and metatarsals of man, 73, 360, P.
- The anatomy of pain, 73, 671, P. (*disc. only*)
- The pattern of cutaneous innervation in relation to cutaneous sensibility, 75, 346-67
- The multiple innervation of sensory spots in the skin, 75, 441-6; 76, 226, P. (*t.o.*)
- Methylene blue preparations illustrating cutaneous nerve plexuses, 76, 229, P.
- Axonal regeneration in cutaneous nerve plexuses, 77, 49-62
- The anatomical basis of regenerative hyperaesthesia, 77, 116-17, P. (*disc. only*)
- Anatomical considerations in the treatment of traumatic epistaxis, 80, 237, P.
- The anatomy of pain sensibility, 81, 374, P.
- The significance of multiple innervation of cutaneous pain 'spots' in relation to the quality of pain sensibility. 2. Histological observations, 81, 389, P.
- The innervation of vibrissa-like hairs in the rabbit's leg, 84, 69-70, P.
- & Falconer, M. A., Asymmetry of the thoracic outlet in relation to the scalenus anticus syndrome, 80, 216, P.
- , Feindel, W. H. & Sinclair, D. C., Pain sensibility in deep somatic structures, 83, 75-6
- & Glee, P., The early stages in the degeneration of cutaneous nerve fibres, 76, 65-93; 76, 226, P. (*disc. only*)
- The regeneration of cutaneous nerve fibres, 77, 116-17, P. (*disc. only*)
- & Harpman, J. A., Observations on tendon and periosteal pain, 74, 555, P.
- , Lambley, D. G. & Young, L., The innervation of the musculature of the tongue, 74, 255-67
- & Young, L., Histological preparations of the innervation of (A) the tongue, (B) the skin, 73, 673, P. (*dem.*)
- & Pallie, W., Studies on the innervation of skin. II. The number, size and distribution of hairs, hair follicles and orifices from which the hairs emerge in the rabbit ear, 89, 175-88
- & Palmer, Elizabeth, Studies on the innervation of skin. I. The origin, course and number of sensory nerves supplying the rabbit ear, 89, 162-74
- , Palmer, Elizabeth & Schofield, G. C., Leprosy as an aid in the investigation of the neurohistology of skin, 90, 599, P.
- & Posener, K., Studies on the motor nerve supply of foetal muscle, 73, 671, P. (*t.o.*)
- & Sinclair, D. C., Cutaneous sensibility in the pinna of the ear, 85, 424-5, P.
- The anatomy of 'organized' nerve endings in human skin, 86, 496, P.
- , Taylor, D. A. & Williams, C. M., Studies on the innervation of skin. III. The patterned arrangement of the spinal sensory nerves to the rabbit ear, 89, 317-42
- & Zander, E., A critical evaluation of methods used to demonstrate tissue neural elements illustrated by reference to the cornea, 84, 168-95; 84, 78, P.
- Observations on the living cornea, 84, 79, P.
- The fragility of non-myelinated nerve terminals, 85, 242-50
- see also* Darcus, H. D. & Weiner, J. S.
- Feindel, W. & Hinshaw, J. R.
- Harpman, J. A. & Lambley, D. G.
- Oppenheimer, D. R. & Palmer, Elizabeth
- Posener, K. & Walker, E.
- Riisager, M.
- Sinclair, D. C. & Zander, E.
- Straus, W. J.
- Woollard, H. H.
- Woollard, H. H. & Harpman, J. A.
- Zander, E.
- Wedeles, C. H. A., The effect of increasing the functional load of a muscle on the composition of its motor nerve, 83, 57, P.
- Wedgwood, Marjorie, The peripheral course of the inferior dental nerve, 100, 639-50
- Weed, L. H., Meninges and cerebrospinal fluid, 72, 181-215
- Weekes, Claire, Factors determining viviparity in reptiles, 67, 194-5, P.
- Weeks, R. W. & Tindley, V. C., An injection apparatus incorporating a maximum pressure safety device, 83, 99-100
- Weel, P. B. von, Histophysiology of the limb-bud of the fowl during its early development, 82, 49-57
- Wegner, On effects of phosphorus on stomach, liver and bones, 8, 217, *rep.*
- Wegner, G., On growth of the tubular long bones, 9, 190, *rep.*
- On normal and pathological growth of the long bones, 9, 244, *rep.*
- Wegscheider, On normal digestion in infants, 10, 647, *rep.*

Author Index

- Weibel, E. R., *Morphometry of the human lung*, 1963, 98, 457, *rev.*
- Weide, On composition of Liebig's extract, 6, 471, *rep.*
- Weigner, On the otic ganglion, 33, 684 (*ref. only*)
- Weil, On action of digitalis on reflex inhibitory centres of frogs, 6, 500, *rep.*
- Weil, C., On fertilisation and development of the ovum in rabbit, 7, 332-3, *rep.*
- Weill, E. & Péhu, M., A case of congenital defect of the oesophagus, 36, 303, *rep.*
- Weinberg, An example of diprosopus tetratus hemi-cranus, 39, 503, *rep.*
- Weiner, J. S., The counting of human sweat glands, 95, 451-2, P.
see also Darcus, H. D. & Weddell, G.
- Weisbach, Supraorbital convolutions of the human brain, 13, 266 (*t.o.*); comment by Turner, 13, 277.
- Weisbach, A., On cases of abnormally deep position of the kidneys, 2, 174, *rep.*
- Weiske, On digestion of cellulose in man, 5, 225, *rep.*
On composition of bones, in deficiency of phosphoric acid or lime, 6, 464, *rep.*
On hippuric acid in herbivora, 11, 566, *rep.*
- Weiske, H., & Wildt, E., On composition of bone under diet poor in lime or phosphoric acid, 8, 425, *rep.*
On formation of fat in the animal body, 9, 234, *rep.*
On composition of bones in relation to food, 9, 244, *rep.*
- Weiske-Proskau, On effect on the composition of bone of different earthy phosphates in the food, 7, 357, *rep.*
- Weisl, H., Movements of the sacro-iliac joints, 86, 489-90, P.
The articular surfaces of the sacro-iliac joint, 87, 450, P.
- Weiss, On glycogen diminution during muscular contraction, 6, 460-1, 485, *rep.*
On source of glycogen in liver, 8, 209, *rep.*
On albuminous substances of liver cells, 8, 209, *rep.*
- Weiss, G., On pancreatic digestion, 11, 562, *rep.*
- Weiss, L., An experimental study of the organization of the reticuloendothelial system in the red pulp of the spleen, 93, 465-77
- Weiss, L. P., *see* Wislocki, G. B., Burgos, M. H. & Ellis, R. A.
- Weiss, P., *Entwicklungsphysiologie der Tiere*, 1930, 66, 674, *rev.*
Principles of development, 1939, 74, 411-12, *rev.*
The Developmental Biology Conference series, 1956, 7 vols, by different authors, 94, 279, *rev.*
- Weiss, P. A., *see* Willier, B. H. & Hamburger, V.
- Welcker, On relations between length, breadth and height of crania, 4, 300, *rep.*
On artificial deformity of feet, 5, 376, *rep.*
On hip-joint and shoulder joint, 10, 442-3, *rep.*
On pronation and supination of forearm, 10, 442-3, *rep.*
Two methods of demonstrating brain and heart, 13, 268 (*t.o.*); comment by Turner, 13, 283
- Welker, H., On cranial measurements, 1, 153, *rep.*
- Welker, W. I. & Johnson, J. I., Correlation between nuclear morphology and somatotopic organization in ventro-basal complex of the raccoon's thalamus, 99, 761-90
- Wellington & Souter, On cases of heterochromia iridis, 42, 137, *rep.*
- Wells, B. H., Duplication of the uterus and vagina, 35, 504, *rep.*
- Wells, Lawrence H., Growth changes in the Bushman mandible, 66, 50-63
- A peroneus tertius muscle in a Chacma baboon, 69, 508-14
- The flexor digitorum brevis muscle in the foot of the South African negro, 86, 486, P.
- New neolithic remains from West Kennet Long Barrow, Wiltshire, 90, 580, P.
- & Thomas, E. A., A note on two abnormal laryngeal muscles in a Zulu, 61, 340-3
- Welsh, D. A., Concerning the parathyroid glands: a critical anatomical and experimental study, part I, 32, 292-307; parts II & III, 32, 380-402
- Wenckebach, K. F., The development of the blood-corpuscles in the embryo of *Perca fluviatilis*, 19, 231-6
- Wende, B., On ciliary muscle, 5, 195, *rep.*
- Wendell-Smith, C. P., Schwann cell mitoses in degenerating corneal nerves, 97, 486, P.A.S.A.N.Z.
Adaptions of anal musculature, 97, 489, P.A.S.A.N.Z.
The effect of crushing peripheral nerve on the nuclear population of the contralateral nerve, 98, 482, P.A.S.A.N.Z.
The homologies of the puborectalis muscle, 98, 489, P.A.S.A.N.Z.
Some effects of light deprivation on the visual system, 98, 495, P.A.S.A.N.Z.
The lower uterine segment, 100, 946, P.A.S.A.N.Z.
- , Blunt, M. J. & Baldwin, F., The ultrastructure of the macroglia, 98, 481, P.A.S.A.N.Z.
The ultrastructural characterization of neuroglial cell types, 100, 943, P.A.S.A.N.Z.
- — — & Paisley, P. B., Axon-satellite cell relationships in optic nerve, 99, 946, P.A.S.A.N.Z.
- , Longmore, D. B. & Engel, C. E., An introduction to human dissection. A film, 93, 563, P.
- & Williams, P. L., Size relationships in teased nerve fibres, 93, 560, P.
see also Blunt, M. J. & Baldwin, F.
Blunt, M. J., Paisley, P. B., Wendell-Smith, C. P. & Baldwin, F.
Joseph, J.
Williams, P. L.
- Wendt, On tympanum of foetus and newly born, 9, 220, *rep.*
On resonant functions of the external ear, 9, 220, *rep.*
- Wentworth, P., Some anomalies of the foetal vessels of the human placenta, 99, 273-82
- Wermuth, E. G., Anastomoses between the rectal and uterine veins forming a connexion between the somatic and portal venous system in the recto-uterine pouch, 74, 116-26
- Wernich, A., On action of ergotinine, 8, 228-9, *rep.*
On effect of secretion of ergot, 8, 229, *rep.*
- Wertheim, On effect of cooling on respiration, 6, 238
- Wesley Mills, T., *see* Mills, T. Wesley
- West, Cecil McL., A case of arrested development of the thyroid gland associated with dwarfism and great obesity, 57, 269-73; 59, 54, S.P.
A case of congenital cystic kidney, associated with several other abnormalities, 59, 401-9
Post-glenoid tubercle, 66, 142, P. (*t.o.*)
A male foetus, complete with membranes, of the whale, *Pseudorca crassidens*, 69, 145-6, P.
Complete skeleton of foetal whale, *Pseudorca crassidens*, 70, 199, P. (*t.o.*)
A human embryo of twenty-five somites, 71, 169-200; 70, 199, P.
Mediaeval achondroplastic skull, 72, 621-2, P.
Human remains from Waokey Hole, 83, 86, P.
- & Dible, J. H., A very early human embryo, 74, 139-40, P. (*disc. only*)
see also Dible, J. H.
Rogers, Lambert

Author Index

- West, G. D., *see* Harris, H. A.
- West, S. H., On a peculiar digastric muscle—a variety of the occipito-hyoid, 8, 150-1
- West, van, *see* Place
- Westerman, A case of hermaphroditism, 37, 301, *rep.*
- Westermann, On the action of physostigmin[e] on amphibia, 2, 185-6, *rep.*
- Westoll, T. S., On the cheek-bones in teleostome fishes, 71, 362-82
- Weston, Jean K., Comments on the vestibular nuclei, 72, 150, P.
- Fibre connexions of the vestibular nuclei, 72, 157, P.
- Notes on the comparative anatomy of the ganglion cells associated with the vertebrate inner ear sensory areas, 73, 263-88
- Westphal, C., On tendon reflexes, 10, 631-3, *rep.*
- Westphalen, On biliary fistula and composition of bile, 8, 418-19, *rep.*
- Westrum, L. E., Electron microscopy of degeneration in the prepyriform cortex, 100, 683-5, P.
- Wetzel, G., Schultze's method with frog-ova, 31, 455, *rep.*
- A case of four centres of development on the egg of the ring-snake, 35, 501, *rep.*
- see also* Peter, K. & Heiderich, F.
- Wex, On histology of the pharyngeal tonsil, 33, 682 (*ref. only*)
- Weygandt, Cretinism, 39, 499, *rep.*
- Weyl, On animal and vegetable 'albumins', 13, 236-7, *rep.*
- Wheeler Haines, R., *see* Haines, R. Wheeler
- Wheeler, J. F. G., *see* Adams, S. B. & Edgeworth, F. H.
- Whillis, J., Specimen showing an unusually large thyroidea ima artery, 64, 123, P.
- The arrangement of the fibres of the palato-pharyngeus and superior constrictor muscles, 64, 123, P.
- A note on the muscles of the palate and the superior constrictor, 65, 92-5
- Lower end of the oesophagus, 66, 132-3, P.
- (1) A persistent renal collar (2) Persistent left renal vein, 69, 144, P. (*t.o.*)
- Action of the tensor palati, 71, 140-1, P.
- Development of synovial cavities, 72, 145-6, P.
- A case of ovarian pregnancy, 73, 669, P. (*dem.*)
- The development of synovial joints, 74, 277-83
- Movements of the tongue in swallowing, 80, 115-16
- Movements of the tongue, 80, 229, P.
- Synovia in developing joints, 80, 242, P.
- jt editor*, Gray's Anatomy, descriptive and applied, 29th ed. 1946. 81, 121, *rev.*
- The palate and tongue in snoring, 81, 371, P.
- Graphic representation of efficiency in stereognosis, 85, 415, P.
- & Channell, G. D., The action of the lumbrical and interosseous muscles in some of the movements of the digits, 83, 60, P.
- & Green, R. B., Case of ectopia cordis, 71, 148-9, P.
- see also* Bowden, Ruth E. M. & Napier, J. R.
- Channell, C. D.
- Green, R. B.
- White, C. P., on anomalies of the kidney, 33, 355, *anat. not.*
- see also* Lee, W. G.
- White, Charles Powell, A differential stain for muscular and fibrous tissues, 35, 145-6
- White, E. G., Some observations on the liver of the pig; the hepatic lobule and the liver cell during post-natal growth, 73, 365-86
- White, J. C., on *Rhus venenata* and *Rhus toxicodendron* action on human skin, 8, 224, *rep.*
- White, J. E. W., *see* Davies, D. V.
- White, Margaret, M., A case of von Recklinghausen's disease, with generalised dermatitis and left hemiplegia, 63, 151, P.
- White, S., Note respecting the course of the flexor longus digitorum pedis, 18, 118-19, *anat. not.*
- White, W. Hale, A theory to explain the evolution of warm-blooded vertebrates, 25, 374-85
- Whitear, Mary, An electron microscope study of the cornea in mice, with special reference to the innervation, 94, 387-409
- Whitehead, R., The involution of the transitory cortex of the mouse suprarenal, 67, 387-92
- Variations in the cortical lipoid of the mouse suprarenal with sex and age, 67, 393-8
- Growth and mitosis in the mouse suprarenal, 67, 399-408
- Variations in the cortical lipoid of the guinea-pig suprarenal with sex and age, 69, 72-8
- The sex difference in the proportion of the suprarenal cortex occupied by lipoid in guinea-pigs over one year old, 70, 123-5
- Variations in the cortical lipoid of the rabbit suprarenal with sex and age, 70, 380-5
- see also* Tobin, C. E.
- Whitehouse, R. H., *see* Tanner, J. M. & Healy, M. J. R.
- Whiteley & Pearson, On data for the problem of evolution in man, 33, 679 (*ref. only*)
- Whiteley, H. J., Studies on hair growth in the rabbit, 92, 563-7
- & Ghadiali, F. N., Hair replacement in the domestic rabbit, 88, 13-18
- Whitman, C. O., *Journal of morphology*, vol. 1, no. 1, September, 1887. 22, 308, *rev.*
- Whitnall, S. E., On a ligament acting as a check to the action of the levator palpebrae superioris muscle, 45, 131-9
- On a tubercle on the malar bone, and on the lateral attachments of the tarsal plates, 45, 426-32
- An instance of the retractor bulbi muscle in man, 46, 36-40
- The anatomy of the human orbit and accessory organs of vision*, 1922. 57, 391, *rev.*; 2nd ed. 1932. 67, 190, *rev.*
- Models in gelatine and glycerine of seven-month foetal brain, 59, 69, S.P.
- Demonstration of a fusible metal and corrosion preparation of the temporal bone, 59, 69, S.P.
- The study of anatomy*, 2nd ed. 1933. 68, 287-8, *rev.*; 3rd ed. 1936. 70, 443, *rev.*
- & Beattie, J., Exophthalmos: an anatomical criticism of the theories of its causation; together with the results of experiments on the cat, 68, 146-7, P.
- Whitney, R. J., The stability provided by the feet during manoeuvres whilst standing, 96, 103-11
- see also* Thomas, D. P.
- Whittaker, Charles, R., A curious abnormality of the renal arteries, 39, 493
- A note upon the mode of termination of the posterior tibial artery and nerve, 40, 186-7
- The arrangement of the synovial membrane in the palmar digital sheaths, 41, 155-7
- The arrangement of the bursae in the superior extremities of the full-time foetus, 44, 133-6
- Whittaker, C. R. editor, *Nerves of the human body*, (Hughes) c. 1920. 54, 100, *rev.*
- Whitteridge, Gweneth, editor, *Anatomical lectures of William Harvey*, 1964. 99, 399-400, *rev.*

Author Index

- Whitting, H. W., Mitoses in mast cells, 100, 938, P.A.S.A.N.Z.
 see also Donaldson, E. G. & Morwood, P. I.
 Harrison, R. J., Rowlands, I. W. & Young, B. A.
 Johnson, F. R.
- Whitwell, J. R., The epiphysis cerebri in *Petromyzon fluviatilis*, 22, 502-4
- Whyte, Congenital absence of the right breast and pectoralis major in male, 39, 505, *rep.*
- Wiert, P., Hernia of the Fallopian tubes into inguinal canal, 34, 421, *rep.*
- Wiedemann, On theories on the causation of double monsters, 29, 469, *rep.*
- Wiedersheim, R., *Das Gliedmassen-skelet der Wirbeltiere mit besonderer Berücksichtigung des Schulter- und Becken-gürtels bei Fischen, Amphibien und Reptilien*, 1892. 26, 576, *rev.*
Der Bau des Menschen als zeugniss für seine Vergangenheit, 1893. 29, 142, 144, *rev.*
 The structure of man an index to his past history, translated by H. & M. Bernard, edited by G. B. Howes, 1895. 30, 316-18, *rev.*
- Wieland, On a case of local congenital gigantism of the foot, 43, 124, *rep.*
- Wiesel, On supernumerary suprarenals, 33, 505, (*ref. only*)
- Wigoder, Sylvia B., An infrequent developmental abnormality of the foot, 63, 142-4, *anat. not.*
- Wilde, F. Roland, The anatomy of the ano-rectal region: preliminary report, 81, 396, P.; 81, 404, P. (*dem.*)
 The nerve supply of the iliac vessels in man, 83, 85, P.
 The anatomy of popliteal thrombosis, 84, 74, P.
- Wilder, Duplicate twins and double monsters, 39, 501-2, *rep.*
 Classification of monsters, 44, 97, *rep.*
- Wilder, Burt, G., On an instance of supernumerary toes in a cat, 1, 368, *abs.*
 On morphological value and relations of the human hand, 2, 404-5, *rep.*
 On polydactylism, 3, 204, *rep.*
 On human locomotion, 6, 444, *rep.*
 On cyno-phrenology [study of dog-brains] 7, 331, *rep.*
 On homologies in limbs, 7, 334, *rep.*
 On cerebral variation in domestic dogs, 9, 203, *rep.*
 On cerebral fissures of mammals, especially carnivora, 9, 203, *rep.*
 On the brain of *Chimaera monstrosa*, 13, 267 (*t.o.*); comment by Turner, 13, 284
 On the brains of some fish-like vertebrates, 13, 267 (*t.o.*); comment by Turner, 13, 283-4
 The brain of a cat lacking the corpus callosum, 18, 223, *anat. not.*
 Misapprehensions as to the simplified nomenclature, 33, vii-viii, ix-xv, P.
 Some current misapprehensions as to the objects of the Cornell Collection of brains, 33, ix, P.
 Further tabulation and interpretation of the paroccipital fissure, 33, ix, P. (*t.o.*)
- Wildt, E., *see* Weiske, H.
- Wilgress, J. H. F., A note on hereditary stiffness of the metacarpo-phalangeal joint of the thumb, 32, 753
 A note on the development of the external malleolus, 34, xlii-xliv, P. (May 1900)
- Wilkie, J., Hereditary malformation of digits, 24, 167-8
 The dissection and study of the sheep's brain, 1937. 72, 467, *rev.*
- Wilkinson, H. J., translator, *Brain preparations, by means of defibrillation or blunt dissection* (Hultkrantz) 1935. 70, 586, *rev.*
- Wilkinson, I. M. S., The intrinsic innervation of the suprarenal gland, 95, 286, P.
- Wilkinson, J. L., An oblique proximal septum of the pulp space, 84, 409, P.
 The insertions of the flexores pollicis longus et digitorum profundus, 87, 75-88; 86, 480, P.
 The terminal phalanx of the great toe, 88, 537-41
- Wilkinson, W. J. C., The activity of phosphomonoesterase I in the small intestine of the dog, 98, 481, P.A.S.A.N.Z.
 A direct vision technique for repeated sampling of dog intestinal mucosa for histochemical investigation, 98, 482, P.A.S.A.N.Z.
 The influence of ingested substances upon the circulating plasma phosphomonoesterase I level in young adults. 1. The carbohydrates, 98, 488-9, P.A.S.A.N.Z.
- & Kugler, J. H., Quantitative studies with procedures used for the histochemical localization of glycogen, 97, 487, P.A.S.A.N.Z.
 Glycogen fractions and their role in the histochemical detection of glycogen, 94, 286-7, P.
- & Eccles, C. N., Glycogenic fractions in the conducting system of the ox heart, 94, 543, P.
 see also Martin, B. F.
 Plomley, N. J. B.
- Willemoes-Suhm, R. von, On some *Trematodes* and *Nematelmintha*, 6, 449, *rep.*
- Williams, On 2 cases of accessory thyroid bodies at the base of the tongue, 33, 683 (*ref. only*).
 Cases of precocious sexual development, 37, 301, *rep.*
- Williams, C. H., Action of bile on promoting the absorption of fats, 9, 240, *rep.*
- Williams, C. M., *see* Weddell, G. & Taylor, D. A.
- Williams, H. B. L. & Murnaghan, G. F., Aspects of renal position and mobility, 98, 492, P.A.S.A.N.Z.
- Williams, H. J., *see* Tresilian, S.
- Williams, H. S., On striped muscles of shoulder-girdle, 8, 161, *rep.*
- Williams, J., On structure of the endometrium, 9, 398, *rep.*; 10, 456, *rep.*
- Williams, J. W., A peculiarity in the median nerve and in the internal jugular vein, 21, 333, *anat. not.*
 A tumour in the fresh-water mussel (*Anodonta cygnea*) 24, 307-8
- Williams, M. A., *see* Williams, P. L., Kountz, S. L. & Dempster, W. J.
- Williams, P., *see* Joseph, J.
- Williams, P. L., Unfixed sections of peripheral nerve, 92, 650, P.
 Anatomy of the ear, 93, 570, P. (*TV dem.*)
- & Kashaf, R., Asymmetry of the node of Ranvier in mammals—an experimental study, 95, 610, P.
- & Landon, D. N., The node of Ranvier, 100, 437, P.
- & Wendell-Smith, C. P., The size of the axon and its myelin sheath, 92, 651, P.
 Some effects of processing on myelinated nerve fibres, 93, 560, P.
- , Williams, M. A., Kountz, S. L. & Dempster, W. J., Ultrastructural and haemodynamic studies in canine renal transplants, 98, 545-69
 see also Gent, W. L. G. & Rounce, J. R.
 Joseph, J.
 Wendell-Smith, C. P.
- Williams, R. J. Probyn, *see* Probyn-Williams R. J.
- Williams, T., On the preparation of urca, 2, 430, *rep.*
 Use of hyaluronidase, prior to fixation, in a method for the histochemical demonstration of cholinesterase, 95, 449, P.

Author Index

- Williams, T. H., Vein-artery relationships at the pelvic brim and the initiation of varicose veins, 93, 580, *P.*
Experimental studies of heart valve innervation. A preliminary report, 97, 615-16, *P.*
Terminal axonal degeneration visualized by cholinesterase, 97, 625-6, *P.*
Intrinsic nerves of the baboon kidney, 98, 301, *P.* (*dem.*)
Problems experienced in tracing a cardiac nerve pathway, 98, 683, *P.*
— & Dixon, A. D., Neural elements in the mammalian soft palate, 97, 151, *P.*
The intrinsic innervation of the soft palate, 97, 259-67
— & Ellison, J. P., Sympathetic cardiac nerves in the human foetus, 98, 692, *P.*
see also Bhargava, K. N.
Craigmyle, M. B. L.
Ellison, J. P.
Williams, W. Roger, The anatomy of the quadriceps extensor cruris, 13, 204-18
Note on the anatomy of the knee joint, 14, 178-84
Ten cases of congenital contraction of the stomach, with remarks, 17, 460-78
Polymastism, with special reference to mammae erratae, and the development of neoplasms from supernumerary mammary structures, 25, 225-55
Mammary variation, per defectum, 25, 304-15
Williamson, George Scott & Pearse, Innes H., A system of tubules in secreting epithelia, 57, 193-8
Thyroid connections, 63, 161, *P.* (*disc. only*)
Willier, B. H., Weiss, P. A. & Hamburger, V., *Analysis of development*, 1955. 89, 555-6, *rev.*
Willigk, A., On multipolar nerve cells in the spinal cord, 10, 446, *rep.*
Willis, R. & Gray, E. G., Electron stereoscopy of tissue sections, 100, 690, *P.*
see also Boyde, A.
Willis, Rupert, A., A developmental abnormality of a lizard's heart, 65, 137-9
A monstrous twin embryo in a lizard, *Tiliqua scincoides*, 66, 189-201
The borderline of embryology and pathology, 1962. 97, 295, *rev.*
Willis, W. H. Kirkaldy, *see* Kirkaldy-Willis, W. H.
Willmer, E. N., *Cytology and evolution*, 1960. 95, 143, *rev.*
Willock, Edith F., An os interfrontale, 59, 439-41
Willy, On effects of electrical stimulation of nerves and muscles, 7, 179, *rep.*
Wilmart, On joints, 33, 680 (*refs. only*)
Wilser, On European *Brachycephali*, 33, 685 (*ref. only*)
Wilson, Andrew, *The students' guide to zoology, a manual of the principles of zoological science*, 1874. 8, 384-5, *rev.*
Wilson, A. S., Studies on the innervation of the diaphragm in cats and rodents, 97, 482-3, *P.A.S.A.N.Z.*
Quantitative studies on the phrenic nerve, 99, 953, *P.A.S.A.N.Z.*
Wilson, C. P., Bilateral fistulae of the nasopharynx in a living adult, 90, 579, *P.*
Wilson, Charles S., *see* Charles, S. Wilson
Wilson, D., On race head-forms, 4, 300, *rep.*
On the skull of the Huron race, 6, 444, *rep.*
On right handedness, 6, 444, *rep.*
Brain-weight and size in relation to relative capacity of races, 13, 267 (*t.o.*); comment by Turner, 13, 281-2
see also Harper, W. F.
Wilson, Erasmus, *The anatomist's vade mecum*, 9th ed. 1873, edited by George Buchanan, 8, 157, *rev.*
Wilson, E. B., On multiple and partial development in *Amphioxus*, 27, 416-17, *rep.*
Wilson, F. N., Macleod, A. G. & Barker, P. S., *The distribution of the currents of action and of injury displayed by heart muscle and other excitable tissue*, 1933. 68, 430, *rev.*
Wilson, Gregg, Hereditary polydactylism, 30, 437-49
The development of the Müllerian duct of amphibians, 1896. 31, 164, *rev.*
Wilson, H., Specimens illustrating the hyoid apparatus and pharyngeal musculature 69, 140, *P.* (*dem. only*)
Wilson, H. S., The rete mirabile of the narwhal, 14, 377-98; 8, 176, *rep.*
Wilson, J. T., Observations on the innervations of axillary muscular arches (achselbogen) in man, with remarks on their homology suggested by comparative considerations, 22, 294-9
Abnormal distribution of the nerve to the quadratus femoris in man, with remarks on its significance, 23, 354-7
Two cases of variation in the nerve-supply of the first lumbrical muscle in the hand, 24, 22-6
Further observations on the innervation of axillary muscles, in man, 24, 52-60
Two cases of fourth molar teeth in the skulls of an Australian aboriginal and a new Caledonian, 39, 119-34
On the fate of the 'taenia clino-orbitalis' (Gaupp) in *Echidna* and in *Ornithorhynchus* respectively; with demonstration of specimens and stereo-photographs, 40, 85-90; 40, v-vi, *P.*
On the anatomy of the calamus region in the human bulb; with an account of a hitherto undescribed 'nucleus postremus', part I, 40, 210-36; part II, 40, 357-86; 40, viii, *P.* (*t.o.*)
Photomicrographs of a nucleus postremus, 40, vi, (*t.o.*)
Note on a new expedient for improving the colour-injection of dissection cadavers, 45, 1-2; On a method of mounting and exhibiting frozen sections of the cadaver in the anatomical museum, 45, 3-6
The innervation of the achselbogen muscle, 47, 8-17
Observations upon young human embryos, part I, 48, 315-51
On the application of the Spalteholz clearing method to the study of thick serial sections of embryos, with demonstration of specimens, 58, 101-4; 59, 64, *S.P.* (*t.o.*)
Non-medullated fibres in the posterior roots of spinal nerves, 59, 63-4, *S.P.*
Peculiar villus-like filaments in the yolk-sac of a young human embryo, 59, 64, *S.P.*
Medulla oblongata of calf, 59, 105, *S.P.* (*t.o.*)
Multiple hypoglossal ganglia in the calf, 59, 345-9
The question of the constitution of the early blastocyst of cavia, 61, 490, *P.*
Maternal haemopoiesis in the rat placenta, 61, 490, *P.* (*t.o.*)
Maternal haemopoiesis in the placenta of the rat, 61, 514, *P.* (*dem. only*)
On the question of the interpretation of the structural features of the early blastocyst of the guinea-pig, 62, 346-58
(1) The nature of the ligamentum nuchae, (2) A method of demonstrating thick serial sections of embryos, (3) The growth of the caudal end of the Müllerian duct and its relation to the Wolffian duct, 67, 208, *P.* (*t.o.*)
On the nature and mode of origin of the foramen of Magendie, 71, 423-8; 69, 140, *P.* (*t.o.*)

Author Index

- Wilson, J. T. & Hill, J. P., Illustrations of various stages in the development of monotremes and marsupials, 40, vi, P. (t.o.)
- Wilson, Kathleen J. W., *see* Ross, Janet S.
- Wilson, R. R. & Foster, C. L., The effects of various methods of fixation on the Gram reaction in the basophil granules of the pituitary, 87, 444-5, P. *see also* Foster, C. L.
- Wilson, S. L., *see* Stewart, D.
- Wilson, T. Stacey, Three projection drawings of the brain, 28, 228-35
- Wilson, W. R., Spina bifida, 35, 503, *rep.*
- Winckel, von, Chronological classification of malformations of the female genital organs, 34, 420, *rep.*
- Winckel, F. von, Agnathia, 31, 458-9, *rep.*
- Amniotic band encircling arm of foetus, 31, 463, *rep.*
- Anomalous arrangement of the large intestine, 31, 460, *rep.*
- Windelschmidt, On the action of butylchloral on rabbits, 11, 570, *rep.*
- Windle, B. C. A., Primary sarcoma of the kidney, 18, 150-70
- Notes on an abnormal arrangement of the large intestine, 20, 694-5, *anat.-phys. not.*
- On the brain in a case of motor aphasia with deafness, 21, 79-83
- Notes of some nervous and muscular variations, 21, 336, *anat. not.*
- On the myology of *Erethizon epixanthus*, 22, 126-32
- On the arteries forming the circle of Willis, 22, 289-93; *disc.*, 22, vii, P.
- Account of a teratoma springing from the sphenoid of a calf, with the results produced by the tumour, 22, 423-34
- Notes on the limb myology of *Procyon cancrivorus* and of the *Ursidae*, 23, 81-89
- On the origin of double monstrosity, 23, 390-9
- The flexors of the digits of the hand, I. The muscular masses in the fore-arm, 24, 72-84
- Specimens of ununited epiphyses, 24, viii, P.
- Reports on recent teratological literature, 25, 433-42; 26, 430-44; 27, 415-27; 28, 370-9; 29, 463-70; 30, 451-64; 31, 450-65; 32, 780-97; 33, 507-28; 34, 410-25; 35, 497-510; 36, 296-308; 37, 298-313; 38, 360-74; 39, 496-512; 40, 292-302; 42, 132-40; 43, 115-26; 44, 96-108
- On stylo-auricularis muscle and ligament, 25, vii-viii, P.
- The occurrence of an additional phalanx in the human pollex, 26, 100-16
- A note on identical malformations in twins, 26, 295-99
- On the myology of the anencephalous foetus, 27, 348-53
- On certain early malformations of the embryo, 27, 436-53
- On bifid and elongated clitoris, 1 case, 27, xxii, P.
- On some conditions related to double monsters, 28, 25-45
- On the effects of electricity and magnetism on development, 29, 346-51
- on the cusps of the pulmonary and aortic valves, 29, iv-v
- Double malformations amongst fishes, 30, 456, *rep.*
- On the myology of *Dolichotis patagonica*, and *Dasyprocta isthmica*, 31, 343-53
- Priestley Smith's formol method of mounting specimens of the eye, 31, xi, P. (t.o.)
- On Priestley Smith's new method of mounting ophthalmic specimens, 32, xxii, P. (t.o.)
- Congenital malformation of the heart, 33, 1-li, P.
- On the condition known as 'epignathus', 33, 277-91
- Epignathus, 34, 416, *rep.*; 33, vi, P. (t.o.)
- Three specimens of double monstrosity in kittens, 35, iv, P.
- & Humphreys, J., An account of two rare tumours connected with the teeth: I. Odontome radicaire; II. Dentigerous cyst, 21, 665-9
- Man's lost incisors, 21, 84-96
- & Parsons, F. G., On some points in comparative myological nomenclature, 31, 522-29; 31, xxxviii
- On the anatomy of *Macropus rufus*, 32, 119-134
- On the morphology of the femoral head of the biceps flexor cruris, 34, v-ix, November 1899
- Windle, W. F., Unmyelinated nerve fibres of the dorsal root, 57, 360-3
- , Zeiss, F. R. & Adamski, M. S., Note on a case of anomalous right vertebral and subclavian arteries, 62, 512-14
- see also* Birren, J. E. & Imus, H. A.
- Nonidez, J. F.
- Scharpenberg, L. G.
- Wingate Todd, A., *see* Todd, A. Wingate
- Winiwarter, *see* Romanovsky
- Winiwarter, F. von, On resistance of the walls of the vessels in the normal condition and during inflammation, 8, 403, *rep.*
- On vessel resistance in normal and inflamed conditions, 9, 228-9, *rep.*
- Winiwarter, Professor, The intimate phenomena of parasyndesis, 61, 491-2, P.
- Winkelmann, R. K., *Nerve endings in normal and pathologic skin*, 1960. 95, 443-4, *rev.*
- Winkler, F., On human placenta, 8, 162-4, *rep.*
- Winkler, F. N., On observations on the sarcolemma, 2, 167, *rep.*
- see also* Matthews, J. & Hicks, Braxton
- Winogradoff, A., On salt-free solutions of albumin, 10, 643, *rep.*
- Winogradow, On the structure of human amnion, 6, 441, *rep.*
- Winslow, On abnormalities in urodeles, 40, 295, *rep.*
- Winstone, N. E., *see* Franklin, K. J.
- Winter, G. C. B., *see* Metcalf, W. K., Osmond, D. G. & Yoffey, J. M.
- Winter, Helen, The effect of the method of administration on the morphogenetic actions of progesterone, 76, 209-13
- Winternitz, On influence of cooling on body temperature, 6, 238, *rep.*
- On regulation of temperature, 7, 358, *rep.*
- Wirtschafter, Z. T., *The genesis of the skeleton: a laboratory atlas*, 1960. 95, 279, *rev.*
- see also* Walker, D. G.
- Wischnitzer, S., *Introduction to electron microscopy*, 1962. 97, 131, *rev.*
- Wislang, M. R., The carotid labyrinth in two species of urodele, 99, 949, P.A.S.A.N.Z.
- Wislicenus, *see* Fick
- Wislocki, G. B. & Ladman, A. J., Selective and histochemical staining of the otolithic membranes, cupulae and tectorial membrane of the inner ear, 89, 3-12
- , Weiss, L. P., Burgos, M. H. & Ellis, R. A., The cytology, histochemistry and electron microscopy of the granular cells of the metrial gland of the gravid rat, 91, 130-40
- Witherington Stump, C. *see* Stump, C. Witherington
- Withers, F. E., Variation of popliteal artery; abnormal extensor muscle, 24, xix, P.
- see also* Lockwood, C. B.
- Withington, J. Louise, *see* Scheuer, J. Louise
- Withrow, On bilateral supernumerary digits in three brothers, 43, 124, *rep.*

- Wittfeld, Sprengel's deformity, 37, 309, *rep.*
Wittich, von, On the influence of the medulla oblongata upon the respiratory movements of the frog, 1, 360, *rep.*
On the innervation of salivary glands of rabbits, cats, sheep and dogs, 1, 361, *rep.*
On the innervation of parotid gland, 2, 192, *rep.*
On rate of transmission of nerve impulse, 3, 213, *rep.*
On a new method for obtaining a fluid for artificial digestion, 4, 320, *rep.*
On peptic action of pyloric glands, 7, 351, *rep.*
On physiology of bile, 7, 352, *rep.*
On action of pepsin on blood-fibrin, 7, 352, *rep.*; 8, 204, *rep.*
On action of bile on starch, 8, 209, *rep.*
On extraction of enzyme from pyloric glands, 9, 236, *rep.*
On lymphatics of the liver, 9, 432-3, *rep.*
On physiology of the kidney, 11, 204-5, *rep.*
Woerdeman, M. W. & Raven, C. P., *Researches in Holland: experimental embryology*, 1946. 81, 334, *rev.*
Woinow, On new apparatus for ophthalmometry, 4, 328, *rep.*
On accommodation, 5, 212, *rep.*
On effects of accommodation on visual field, 5, 399-400, *rep.*
On binocular vision, 5, 400, *rep.*
On sensibility of retina to colours, 5, 400, *rep.*
see also Adamük
Wolf-Heidegger, G., *Atlas der systematischen Anatomie des Menschen*, Band I, 1954. 88, 433, *rev.*
Atlas of systematic human anatomy, 3 vols., 1962. 96, 544, *rev.*
Wolfermann, On architecture of bones, 7, 326, *rep.*
Wolferz, On innervation of the lacrimal gland, 6, 472, *rep.*
Wolff, D., Bellucci, R. J. & Eggston, A. A., *Microscopic anatomy of the temporal bone*, 1957. 93, 140-1, *rev.*
Wolff, E., A bend of the sixth cranial nerve, and its clinical significance, 63, 150-1, P.
The anatomy of the eye and orbit, 1933. 68, 286, *rev.*; 2nd ed. 75, 142, *rev.*
The distribution of lacrimal fluid, 84, 60, P.
Wolff, Julius, On internal architecture of the bones, 5, 192, *rep.*
On growth of bone, 9, 388, *rep.*
Wolffberg, On pulmonary respiration, 7, 347, *rep.*
On tension of blood gases in pulmonary capillaries, 7, 347, *rep.*
Wolffhugel, On digestion of fibrin without pepsin, 8, 204, *rep.*
Wolfsohn, S., On action of salicylic acid and its soda salt on metamorphosis of tissues, 11, 567, *rep.*
Wolkenstein, On effect of irritation of skin on secretion of kidneys, 11, 565-6, *rep.*
Wolkenstein, A. W., On absorption by the skin, 10, 218, *rep.*
Wollowicz, *see* Parkes
Wolski, On stimulation of spinal cord, 7, 177, *rep.*
Wolstenholme, G. E. W., *see* Ciba Foundation
Wood Jones, F., *see* Jones, F. Wood
Wood, Horatio, C., On active principles of veratrum viride, 4, 317, *rep.*
On acetic ether compared with sulphuric ether as anaesthetic, 5, 202-3, *rep.*
On effect of section of vagus upon action of emetics and cathartics, 5, 208, *rep.*
On action of atropia on pigeons, 5, 394, *rep.*
on action of amyl nitrite, 6, 495-6, *rep.*
on action of atropia on pulse rate, 8, 225-6, *rep.*
On actions of convulsants 8, 230, *rep.*
Wood, Helen O., The surface area of the intestinal mucosa in the rat and in the cat, 78, 103-5
Wood, John, on variations in the arrangement of muscles of the human body, 1, 357, *rep.*
On human muscular variations and relation to comparative anatomy, 1, 44-59
On variations in human myology, 2, 166, *rep.*
On supra-costal muscle in man, 2, 394, *rep.*
On the topographical relations of the arch of the aorta and the posterior mediastinum to the spinal column, 3, 1-13
On variations of striped muscles, 558 in 36 human subjects 3, 197-8, *rep.*
On variations of muscles of neck, shoulder and chest, 4, 154, *rep.*
On muscles of neck, shoulder and chest, 5, 193, *rep.*
Wood, S. K., A microradiographic study of iliac crest trabeculae, 100, 435, P.
Wood, W. A., Absence of the fibula, 35, 508, *rep.*
Wood, W. H., Muscles of the leg in which the tibia was absent, 59, 100-2, S.P.
Demonstrations: Anomaly of superficial thenar and hypothenar muscles; Origin of the plantaris muscle; Vesico-vaginal fistula with separate anal and vaginal openings; Reduced first rib, 63, 155-6, P.
Wood, W. Quarry, The tibia of the Australian aborigine 54, 232-57
Woodburne, R. T., *Essentials of human anatomy*, 2nd ed. 1961. 95, 600, *rev.*; 1965. 100, 680-1, *rev.*
Woodhead, D. H., *see* Backhouse, K. M. & Butler, H.
Woodhead, G. Sims, Some of the pathological conditions in the medulla oblongata, etc. in a case of locomotor ataxia (tabes dorsalis) 16, 364-90
— & Gray, R. W., The stomach of the narwhal.... 24, 188-94
Demonstration of the histology of the whale's stomach, 25, 1, P. (SMS) (t.o.)
— & Hare, A. W., Vital relations of micro-organisms to tissue elements, 20, 76-99
Woodhouse, D. L., *see* Lasnitzki, A.
Woodland, A case of polymely in common frog, 44, 106, *rep.*
Woodland, W. N. F., Note on the persistence of the umbilical arteries as blindly-ending trunks of uniform diameter in the Indian domestic goat, 54, 309-10
Woods, R. H., A few applications of a physical theorem to membranes in the human body in a state of tension, 26, 362-70
Law of transverse vibrations of strings applied to the human larynx, 27, 431-5
Woodward, A. Smith, Demonstration of a cranium, a tibia and the two ends of a femur belonging to skeleton found in a cave at the Broken Hill Mine, Rhodesia, 59, 21-4, S.P.
Woodward, J. J., On histology of blood vessels, 5, 193, *rep.*
Woodward, M. F., Rabbit with an undescended testis, 22, xxi-xxiii, P.
Woolf, A. E. Mortimer, Demonstration of 2 boys with 'cervical auricles' in the neck, 59, 25, S.P.
Woolf, A. L., *see* Coërs, C.
Woolf, M., Specimen of symmetrical diverticula of the bladder, 59, 5-6, S.P.
Woollam, D. H. M. & Ford, E. H. R., The fine structure of the mammalian chromosome in meiotic prophase with special reference to the synaptonemal complex, 98, 163-73

Author Index

- Woollam, D. H. M. & Millen, J. W., Vascular patterns in the spinal cord of the rat, 88, 566, *P.*
 The perivascular spaces of the mammalian central nervous system and their relation to the perineuronal and subarachnoid spaces, 89, 193-200
 The influence of 4-methyl-2-thiouracil on teratogenic activity of hypervitaminosis A, 92, 660, *P.*
- & Fozzard, J. A. F., Influence of cortisone on teratogenic effect of radiation, 92, 644, *P.*
see also Ford, E. H. R.
 Millen, J. W.
 Millen J. W. & Lamming, G. E.
- Woollard, H. H., Vital staining of the leptomeninges, 58, 89-100; 59, 57, *S.P. (t.o.)*
 Neurological sections, 59, 89, *S.P.*
 The brain of *Tarsius*, 59, 94-5, *S.P.*
 Innervation of blood-vessels, 59, 108-9, *S.P.*
 The cortical lamination of *Tarsius*, 60, 86-105
 The innervation of the heart, 60, 345-73; 60, 483, *P.*
 The retina of *Tarsius*, and the evolution of the macula lutea, 60, 462, *P. (t.o.)*
 The nature of the structural changes in nerve endings in starvation and in beri-beri, 61, 283-97
 The innervation of voluntary muscle, 61, 498-9, *P.*
Recent advances in anatomy, 1927. 62, 242-3, *rev. by* Sir Arthur Keith
 Epicritic and dyscritic systems in a primitive primate, 62, 276-89
 The Australian aboriginal brain, 63, 207-23
 The cutaneous glands of man, 64, 415-21; 65, 169-70, *P.*
 The innervation of the ocular muscles, 65, 215-23
 The growth of the brain of the Australian aboriginal, 65, 224-41
 The sympathetic and brachial plexus, 66, 147-8, *P.*
 The potency of the pharyngeal entoderm, 66, 242-60
 Cutaneous nerve-endings, 70, 195, *P. (t.o.)*
 Intra-epidermal nerve endings, 71, 54-60; 71, 149, *P.*
 On the new anatomy building of St. Bartholomew's Hospital, 71, 149, *P.*
 Heat spots, 71, 151, *P. (t.o.)*
 Continuity in nerve fibres, 71, 480-91
 Continuity in peripheral nerve fibres, 72, 144, *P.*
 Experimental observations in the mesencephalic root of the 5th nerve, 72, 166-7, *P. (disc. only)*
 An outline of Elliot Smith's contributions to neurology, 72, 280-94
- & Beattie, J., The comparative anatomy of the lateral geniculate body, 61, 414-23
- & Carmichael, E. A., Some observations on alcohol injection of the fifth nerve, 67, 204-5, *P.*
- & Gray, J. H., The lymphatic vessels of the skin, 71, 150, *P. (t.o.)*
- & Harpman, J. A., The relation between size of the artery and the capillary bed in the embryo, 72, 18-22
 The temporo-mandibular joint, 72, 163, *P. (t.o.)*
 Note on the internal architecture of the mandible, 72, 575-78
 Observations on the coelenterate nervous system, 73, 361-2, *P.*
 Discontinuity in the nervous system of coelenterates, 73, 559-62
 The connexions of the inferior colliculus and of the dorsal nucleus of the lateral lemniscus, 74, 441-58
- & Phillips, R., The distribution of sympathetic fibres in the extremities, 67, 18-27
- & Weddell, G., Arterial vascular patterns, 69, 25-37
 Observations on limb arteries, 69, 138, *P. (t.o.)*
 The composition and distribution of vascular nerves in the extremities, 69, 165-76
- & Harpman, J. A., Observations on the neuro-histological basis of cutaneous pain, 74, 413-40
 The anatomical basis for hyperalgesia, 74, 555-6, *P. (disc. only)*
 The nerve endings subserving warmth, 74, 558, *P.*
- & Young, M., Time and rate of ossification in the carpal region, 72, 167, *P.*
see also Gray, H.
 Harpman, J. A.
 Norrish, R. E.
 O'Connell, W.
- Woroschiloff, On the nutritive value of peas and flesh, and the nitrogen intake and output in urine, 8, 205-6, *rep.*
- Woroschiloff, C., On motor and sensory tracts in lumbar spinal cord, 10, 624-5, *rep.*
- Worthington, Robert, On Professor Pearson's contributions to osteology, 35, 455-75
- Wrany, Abnormal size of the parietal foramina, 1, 152-3, *rep.*
- Wrete, M., The anatomy of the sympathetic trunks in man, 93, 448-59
- Wright, On a diverticulum from the bladder, 33, 683 (*ref. only*)
 Syringomelia in twins, 34, 415, *rep.*
- Wright, A. E., A suggestion as to the possible cause of the corona observed in certain after-images, 26, 192-6
- Wright, G. Payling, The oxygen tension necessary for mitosis in chick myoblasts, 61, 513, *P.*
- Wright, J. E. & Braithwaite, J. L., The effects of interruption of a lobar bile duct in the rat, 98, 219-25
 The effects of ligation of the common bile duct in the rat, 98, 227-33
 The effects of ligation of the bile ducts in the rat, 96, 418, *P.*
- Wright, M. K., *Fibre systems of the brain and spinal cord*, 1952. 87, 216, *rev.*
- Wright, P. G., *see* Allbrook, D. B. & Luck, C. P.
- Wright, R. Douglas, Some mechanical factors in the evolution of the central nervous system, 69, 86-8
 Factors concerned in bone structure, 69, 89-90
 A detailed study of movement of the wrist joint, 70, 137-42
- Wright, R. Ramsay, On the hyomandibular clefts and pseudobranchs of *Lepidosteus* and *Amia*, 19, 476-99
- Wright, Samson, editor, *The integrative action of the nervous system* (Sherrington) 1947. 81, 334, *rev.*
- Wright, T. Strehill, Observations on British zoophytes and protozoa, 1, 332-8
 Note on the preservation of minute animals in acetic acid, 4, 259
- Wright, Wm., A case of accessory patellae in the human subject, with remarks on emargination of the patella, 38, 65-7
 Skulls from the round barrows of East Yorkshire, 38, 119-32; 39, 417-49; 40, iii, (*t.o.*)
 Groove on the atlas, 39, vii, *P.*
 The human fibula, the adaptation to the erect posture, 39, xxx-xxxv, *P.*
 Seventeenth report on recent teratological literature, 42, 132-140; Eighteenth report on recent teratological literature, 43, 115-26; Nineteenth report on recent teratological literature, 44, 96-108
 Two-chambered heart, 64, 120, *P.*
 Inaugural address on anatomy as it was known at the time of Andreas Vesalius, 67, 192, *P.*
 An account of certain remnants of historic interest, 69, 137-8, *P.*

- Wunderly, J. & Jones, F. Wood, The non-metrical characters of the Tasmanian skull, 67, 583-95
- Wundt, On excitability of nerves during electrotonus, 5, 397-8, *rep.*
- Mechanism of the nerves and nerve-centres*, 6, 223, *rep.* (t.o.)
- Wundt, W., *Grundzüge der physiologischen Psychologie*, 2 vols, 1874, 9, 248, *rep.* (notice)
- Wurtz, On the synthesis of neurine, 2, 430, *rep.*
- Wyatt Pratt, G., *see* Pratt, G. Wyatt
- Wybar, K. C., A study of the choroidal circulation of the eye in man, 88, 94-8; 87, 451, P.
- Wyburn, G. M., The development of the infra-umbilical portion of the abdominal wall, with remarks on the aetiology of ectopia vesicae, 71, 201-31; 71, 158-9, P. (*disc. only*)
- The development of the supra-umbilical portion of the anterior abdominal wall, 72, 365-73; 72, 169, P.
- The formation of the umbilical cord and the umbilical region of the anterior abdominal wall, 73, 289-310; 72, 614, P.
- Observations on the development of the human vertebral column, 78, 94-102
- Electron-microscopic studies of spinal ganglia in the rat, 88, 549, P.
- The uptake of ^{35}S in cartilage homografts, 90, 563, P.
- The capsule of spinal ganglion cells, 92, 528-33
- The nervous system*, 1960, 95, 444, *rev.*
- The fine structure of the epithelial cells of the colon, 95, 609, P.
- , Aitken, R. N. C. & Johnston, H. S., The ultra-structure of the zona radiata of the ovarian follicle of the domestic fowl, 99, 469-84
- & Bacsich, P., An experimental production of heterotopic bone, 81, 381-2, P.
- , Johnston, H. S. & Aitken, R. N. C., The granulosa cells of the hen's follicle, 99, 933-4, P.
- , Pickford, R. W., & Hirst, R. J., *Human senses and perception*, 1964, 99, 187, *rev.*
- see also* Bacsich, P.
- Bacsich, P. & Pelc, G.
- Bacsich, P. & Sharman, A.
- Barnes, R. & Bacsich, P.
- Dawson, I. M.
- Hutchison, J.
- Johnston, H. S. & Aitken, R. N. C.
- Slessor, A.
- Wyckoff, R. W. G., & Young, J. Z., The organization within neurons, 88, 568, P.; The nerve cell surface, 88, 568, P.
- Wyke, B. D. & Enein, Abo-El, Myotatic reflex systems in the intrinsic muscles of the larynx, 100, 926, P.
- & Tompsett, D. H., A comparison of the cerebral vascular system in cat, dog, and man, 94, 573, P. *see also* Freeman, M. A. R.
- Greenfield, B. E.
- Kirchner, J. A.
- Wyllie, Teratoma (foetus included) in peritoneal cavity, 1 case, 34, 415, *rep.*
- Wyllie, on the airway cord of the larynx, 1, 360, *rep.*
- Wyllie, L., *see* Breathnach, A. S.
- Breathnach, A. S. & Goodwin, D.
- Wyman, Jeffries, on symmetry and homology in limbs, 2, 404, *rep.*
- on observations on crania, 3, 195, *rep.*
- Wyndham, N. R., A morphological study of testicular descent, 77, 179-88
- Wynkoop, on an anomaly of the arteries of the forearm, 33, 504 (*ref. only*)
- Wynn, W. H., The minute structure of the medullary sheath of nerve-fibres, 34, 381-97
- Wynne-Davies, *see* Garrod
- Wynter, A case of absence of nose and anterior nares, child aged 6 weeks, 37, 306, *rep.*
- Wyss, on jaundice in phosphorus-poisoning, 3, 222, *rep.*
- Wyss, O., on the arrangement of bile-ducts in the lobules of the liver, 1, 146, *rep.*
- Wyss, Hans von, on nerve-endings (sensory) in tongue, 5, 194-5, *rep.*
- Wysotsky, *see* Kowalewsky
- Yamashita, A., *see* Kotani, M. *et al.*
- Yeates, T., Demonstration of early ferret heart, 50, 15-16, P. (June 1915)
- Studies in the embryology of the ferret, part I, 45, 319-35
- Yeoman, J. B., Occurrence of an enormous renal calculus, 30, 527-9
- Yoffey, J. M., The insertion of the pectoralis minor muscle, 61, 385
- The essentials of haemopoiesis as seen in fishes, 63, 165, P. (t.o.)
- A contribution to the study of the comparative histology and physiology of the spleen, with reference chiefly to its cellular constituents, I. In fishes, 63, 314-44
- Preliminary note on mammalian lymphoid tissue and its relation to the remainder of the haemopoietic system, 65, 333-8
- Intestinal lymphoid tissue in mammals, 67, 199, P. (*disc. only*)
- The problem of lymphocyte production, 67, 201-2, P.
- The quantitative study of lymphocyte production, 67, 250-62
- Observations upon cultures of lymphoid tissue, 68, 131, P. (t.o.)
- The age of thoracic duct lymphocytes, 68, 144, P.
- Origin and significance of the blood lymphocytes, 69, 132, P. (t.o.)
- Variation in lymphocyte production, 70, 507-14
- Enterectomy and the blood lymphocytes, 72, 155-6, P.
- Enterectomy and the blood lymphocytes, 76, 214-19
- The alkaline phosphatase reaction in the suprarenal and the kidney, 85, 422-3, P.
- The lymphocyte in guinea-pig bone marrow, 91, 585, P.
- Blood vessels of guinea-pig bone marrow, 93, 576, P.
- Quantitative cellular haematology*, 1960, 95, 445, *rev.*
- A note on the thick-walled and thin-walled arteries of bone marrow, 96, 425
- , Ancill, R. J., Holt, J. A. G., & Owen-Smith, B., Effects of cortisone compound E and compound A on the bone marrow of young male guinea-pigs, 86, 494, P.
- — — & Herdan, G., A quantitative study of the effects of compound E, compound F, and compound A, upon the bone marrow of the guinea-pig, 88, 115-30
- & Baxter, J. S., Some effects of pituitary adrenotropic hormone (PATH), extract of suprarenal cortex, and colchicine on the haemopoietic system, 80, 132-8 (*rat*)
- Pituitary, adrenal cortex, and lymphoid tissue in the rat, 80, 227, P.
- The formation of birefringent crystals in the suprarenal cortex, 81, 335-42
- The formation of birefringent crystals in the suprarenal cortex, 80, 241, P.

Author Index

- Yoffey, J. M. & Baxter, J. S., Changes in the suprarenal gland of the rat following the administration of pituitary adrenotropic hormone and extract of suprarenal cortex, **81**, 401-2, *P.*; **81**, 404, *P.* (*dem.*)
 Histochemical changes in the suprarenal gland of the adult male rat, **83**, 89-98
- & Bhuyan, R. K., Myeloid metaplasia in the cervical lymph gland of the normal guinea-pig, **98**, 681, *P.*
- & Courtice, F. C., *Lymphatics, lymph and lymphoid tissue*, 2nd ed., 1956. **91**, 413-14, *rev.*
- & Drinker, C. M., Some observations on the lymphatics of the nasal mucous membrane in the cat and monkey, **74**, 45-52
- , Everett, N. B. & Reinhardt, W. O., Lymphocyte production studied by means of tritium-labelled thymidine, **93**, 567, *P.*
- , Hudson, G. & Osmond, D. G., The lymphocyte in guinea-pig bone marrow, **99**, 841-60
- & Parnell, Josephine, The lymphocyte content of rabbit bone marrow, **78**, 109-12
- , Reinhardt, W. O. & Everett, N. B., The uptake of tritium-labelled thymidine by lymphoid tissue, **95**, 293-9
- & Thomas, D. Brynmor, The development of bone-marrow in the human foetus, **95**, 613, *P.*
 The development of bone-marrow in the human foetus, **98**, 463-4, *P.*
- — & Russell, P. M., Studies in foetal formation. II. Observations on the bone-marrow, **94**, 576, *P.*
see also Batten, E. H., Gall, W. J., Halley, G., Harris, R. S. & Rogers, A. F.
 Baxter, J. S.
 Brierley, J. B. & Field, E. J.
 Bolt, D. E.
 Drinker, C. K.
 Garnett, R. & Evans, D. A.
 Hamilton, W. J.
 Hudson, G.
 Jeffreys, R. V. *et al.*
 Metcalf, W. K., Osmond, D. G. & Winter, G. C. B.
 Mitchinson, A. G. H.
 Olson, I. A. & Yoffey, J. M.
 Osmond, D. G. & Roylance, P. J.
 Osmond, D. G., Roylance, P. J. & Lee, W. R.
 Pathak, V. B. & Reinhardt, W. O.
 Robinson, Frances B.
 Thomas, D. Brynmor
 Thomas, D. Brynmor & Russell, P. M.
- Younan, A. C., On the histology of the vitreous humour, **19**, 1-15
- Young, on a case of three-chambered heart, **43**, 120, *rep.*
- & Robinson, Four cases of congenital malformation of the heart, **44**, 101, *rep.*
- Young, A., Transuterine migration of the ovum in the albino rat, **86**, 481, *P.*
 The results of mating following (1) unilateral tubal ligation and (2) unilateral ovariectomy in rats, **88**, 561, *P.*
 The vascular pattern of the rat uterus in pregnancy, **88**, 574, *P.*
 The vascular pattern of the post-partum rat uterus, **90**, 596, *P.*
 The responses of the 'sterile' horn of the rat uterus after certain experimental procedures, **91**, 610, *P.*
 The development of the os genitale of *Sciurus carolinensis*, **94**, 580, *P.*
- , Bacsich, P. & Boyd, H., Further observations on the arteries of the human bovine and ovine umbilical cords, with special reference to the early development of the transverse communicating branch, **97**, 143, *P.*
- & Harrison, R. J., The anatomy of the retinacula of the wrist joint, **81**, 397, *P.*
see also Bacsich, P.
 Bacsich, P. & Boyd, H.
 Bacsich, P., MacDonald, A. M. & Weaver, A. D.
- Young, A. H., Abnormal arrangement of the branches of the femoral artery. Note on the absence of the profunda femoris, **13**, 154-6
 On the male generative organs of the koala (*Phascolarctos cinereus*), **13**, 305-17
 The intrinsic muscles of the marsupial hand, **14**, 149-65
 Myology of *Viverra civetta*, **14**, 166-77
 Note on the anatomy of the Indian elephant, **14**, 289-91
 On the so-called movements of pronation and supination in the hind-limb of certain marsupials, **15**, 392-4
 Anatomy of the koala (*Phascolarctos cinereus*) **15**, 466-74
 The muscular anatomy of the koala (*Phascolarctos cinereus*) **16**, 217-42
 Abnormalities of the middle sacral artery and their morphological significance, **31**, 169-75
 Observations on the lumbar arteries, **39**, 295-300; **39**, ii, *P.*
 Exhibition of a heart of thirty-five-year-old man, showing three chambers only, **41**, vii, *P.* (November 1906)
 Rare anomaly of the human heart—a three-chambered heart in an adult aged thirty-five years, **41**, 190-7
- & Robinson, A., On the anatomy of *Hyaena striata*, part I **23**, 90-105; part II, **23**, 187-200
 The development and morphology of the vascular system in mammals. The posterior end of the aorta and the iliac arteries, **32**, 605-7, *abs.*
- & Thompson, P., On the abnormalities of the renal arteries, with remarks on their development and morphology, **37**, lxxviii (*t.o.*)
 Abnormalities of the renal arteries, with remarks on their development and morphology, **38**, 1-14
- Young, B. A., High-resolution radioautographic localization of H^3 -leucine in the rat thyroid gland, **97**, 640, *P.*
 The effect of hypophysectomy on the light cells in the thyroid gland of the rat, **99**, 412-13, *P.*
 Intercellular channels in the canine & porcine thyroid gland, **100**, 895
- , Foster, C. L. & Cameron, E., Ultrastructural changes in the adenohypophysis of the rabbit following castration, **99**, 934, *P.*
- & Johnson, F. R., Preliminary observations on freezing methods of fixation using the electron microscope, **93**, 573, *P.*
 Observations on columnar and goblet cells of the small and large intestine, **94**, 450-1, *P.*
 The electron microscopy of mucus secreting cells, **95**, 448, *P.*
see also Hamilton, W. J. & Harrison, R. J.
 Harrison, R. J.
 Harrison, R. J., Rowlands, I. W. & Whitting, H. W.
 Johnson, F. R.
- Young, J., Contribution to the anatomy of the shoulder of birds, **6**, 76-81
 On the head of the lobster, **14**, 348-50

Author Index

- Young, J. Z., Preganglionic innervation of the adrenal gland, 72, 168, *P.*
 Partial degeneration of the nerve supply of the adrenal.
 A study in autonomic innervation, 73, 540-50
 Narrowing of the nerve fibres at the nodes of Ranvier, 83, 55, *P.*
The life of vertebrates, 1950. 85, 302-3, *rev.*
 Dimensions at the nodes of Ranvier, 86, 476, *P.*
 The membranes at the surface of Golgi bodies in neurons, 88, 554-5, *P.*
 Electron microscopy and biological problems, 93, 577, *P.*
 Light microscopy of the statocyst of *Octopus*, 100, 699, *P. (dem.)*
 — & Zuckermann, S., The course of fibres in the dorsal roots of *Macaca mulatta*, the rhesus monkey, 71, 447-57; 71, 150, *P. (t.o.)*
see also Aitken, J. T., Causey, G. & Joseph, J.
 Aitken, J. T. & Sharman, M.
 Fernand, V. S. V.
 Gutmann, E.
 Holmes, W.
 Sanders, F. K.
 Simpson, S. A.
 Stanier, J. P.
 Thomas P. K.
 Vizoso, A. D.
 Wyckoff, R. W. G.
 Young, L., *see* Davies, D. V.
 Weddell, G., Harpman, J. A. & Lambley D. G.
 Young, M., On metopic skulls, 51, 10-11, *P.*
 Normal facial growth in children, 71, 458-70
 The growth of the face, 72, 144, *P.*
 Casts and photographs of the Swanscombe skull and of other fossil skulls, demonstration, 72, 176, *P.*
 — & Ince, J. G., Hastings Transmutation of vertebrae in the lumbo-sacral region of the human spine, 74, 369-73
 A radiographic comparison of the male and female pelvis, 74, 374-85
see also Bryce, T. H.
 Campion, G. G.
 Woollard, H. H.
 Young, P. A., On the relation which exists between the iron contained in the bile and the colouring matter of blood, 5, 158-64. Note on this paper by Gamgee, page 165
 Young, R. B., An abnormal disposition of the colon, 19, 98-103; 19, 230
see also Cleland, J. & Mackay, J. Yule
 Young, W. F., The influence of growth of the teeth and nasal septum on growth of the face, 95, 285, *P.*
 Young, W. J., Note on the curvature of the stomach, 32, xli-ii, *P.*
 Yule, C. J. F., On the mechanism of opening and closing the Eustachian tube, 8, 127-32
 On the physiology of the dehiscence of the fruit of *Momordica elaterium*, 11, 348-52
 Yule, E., The arterial supply to the duodenum, 61, 344-5; 61, 484, *P.*
 Yvon, on a new method of estimating urea, 7, 355, *rep.*
 Zaaier, T., On the high origin of *arteria profunda femoris*, 1, 180, *abs.*
 on anomalous condition of first and second ribs, 4, 151, *rep.*
 Form of pelvis in women of Java, 4, 151-2, *rep.*
 on musculus radio-carpometacarpeus, 4, 154, *rep.*
 on construction and growth of bones, 9, 190, *rep.*
 on internal architecture of bones, 6, 435, *rep.*
 on superior vena cava, 4, 155, *rep.*
 on anomalous tributary to renal vein, 4, 155, *rep.*
 on venous, muscular and costal variations, 5, 227-8, *n.*
 on scaphocephalic cranium (one case) 8, 386, *rep.*
 Zacharin, R. F., The suspensory mechanism of the female urethra, 97, 423-7
 Zachary, R. B., Nathaniel Highmore, 73, 669, *P.*
 Zahn, on researches on serum albumin, 4, 321, *rep.*
 Zaino, C., Poppel, M. H., Jacobson, H. G., & Lepow, H., *The lower esophageal vestibular complex*, 1963. 98, 278, *rev.*
 Zaki, S. A., *see* Lannigan, R.
 Zalesky, on active principle of venom of *Salamandra maculata*, 2, 187, *rep.*
 Zamnini, on a donkey with polydactyly of its front feet, 43, 123, *rep.*
 Zander, A case of anus vestibularis, 37, 397, *rep.*
 — & Weddell, G., Observations on the innervation of the cornea, 85, 68-99 (*comparative study*)
see also Sinclair, D. C. & Weddell, G.
 Weddell, G.
 Zapolski, on reaction of phenol on albuminous matters and ferments, 6, 470, *rep.*
 Zaufal, on bilateral defect of the kidneys, 33, 505 (*ref. only*)
 Zeiger, K., *Physikochemische Grundlagen der histologischen Methodik*, 1938. 73, 199, *rev.*
 Zeiss, F. R., *see* Windle, W. F. & Adamski, M. S.
 Zelená, J. & Hník, P., Absence of muscle spindles in muscles of rats reinnervated during development, 94, 294, *P.*
 Zeller, A., on action of atropine sulphate on leucocytes, *in vitro*, 11, 575, *rep.*
 Zieliński, K., on unilateral absence of pectoralis major and minor, 28, 375-6, *rep.*
 Ziegler, E., on experimental production of giant-cells from colourless blood-corpuscles, 9, 421-3, *rep.*
 Zielonko, J., on development and proliferation of endothelium and epithelium, 9, 198, *rep.*
 Zilgien, on absence of convolutions and corpus callosum in brain of 11-year-old twin, 27, 420, *rep.*
 Zimmerman, A., on absence of pectoralis major and minor, with atrophy of serratus anterior, 28, 376, *rep.*
 Zimmerman, L. M., *Anatomy and surgery of hernia*, 1953. 88, 544, *rev.*
 Zoega-Manteuffel, von, on axial rotation of the caecum, 33, 682 (*ref. only*)
 Zöllner's pseudoscopic figure (Guye) 9, 219, *rep.*
 Zotterman, Y. *editor*, *Olfaction and taste*, Proceedings of the First International Symposium held at the Wenner-Gren Center, Stockholm, September, 1962-1963. 98, 277, *rev.*
 Zuckerkandl, E., Morphology of the brain, 13, 268 (*t.o.*); comment by Turner, 13, 270
 Zuckerman, S. (later Sir Solly), Menstrual cycle of primates, 65, 165, *P. (t.o.)*. *see also* Parkes, A. S. for full paper
 Developmental problems of the uterus masculinus, 71, 140, *P. (t.o.)*
 Differential growth of the prostate, 72, 168-9, *P.*
 Tissue proliferation displayed by the colchicine technique, 72, 176, *P. (dem.)*
 The effect of prolonged oestrogenic stimulation on the prostate of the rhesus monkey, 72, 264-76
 Development of the vagina in the Green Monkey (*Cercopithecus aethiops sabaeus*) 72, 471-2, *P.*; The 'female prostate' in the Green Monkey (*Cercopithecus aethiops sabaeus*) 72, 472, *P.*
 The effect of cerebral lesions on the sexual skin cycle of baboons, 91, 599, *P.*
 A new system of anatomy, 1961. 96, 305-6, *rev.*
editor, *The ovary*, vol. 1, 1962. 97, 137, *rev.*

Author Index

- Zuckerman, S. (later Sir Solly) & Ashton, E. H., The influence of geographical isolation on the teeth of the green monkey, **84**, 401-2, *P.*
- & Fulton, J. F., The menstrual cycle of the primates. Part VII, The sexual skin of the chimpanzee, **69**, 38-46
The motor cortex in *Galago* and *Perodicticus*, **75**, 447-56
- & Green, S. H., Factors in ovarian growth, **80**, 217, *P.*
- & Groome, J. R., An experimental study of the morphogenesis of intersexuality, **74**, 171-200
- , Gutkelch, A. N. & Sandys, O. C., Effect of sex hormones on the growth of seminal vesicles, **72**, 168-9, *P.*
- & Parkes, A. S., Observations on the structure of the uterus masculinus in various primates, **69**, 484-96
The effects of oestrone on the prostate and uterus masculinus of various species of primate, **70**, 323-30
The effects of male hormone on a mature castrated rhesus monkey, **72**, 277-9
- & Sandys, O. C., Further observations on the effects of sex hormones on the prostate and seminal vesicles of monkeys, **73**, 597-616
- & Swyer, G. I. M., Post-natal changes in the human prostate, **74**, 553, *P. (disc. only)*
- & van Wagenen, G., The sensitivity of the new-born monkey to oestrin, **69**, 497-500
see also Aykroyd, Olive, E.
Breward, Madge M.
- Clark, W. E. Le Gros & McKeown, T.
Eckstein, F. M. P.
Folley, S. J.
Green, S. H. & Mandl, A. M.
Hamilton, W. J.
Holmes, R. L.
Hughes, E. Brodie
Ingram, D. L. & Mandl, A.
Krohn, T. L.
Mandl, Anita M.
McKeown, T.
Parkes, A. S.
Russell, A. E.
Sandys, O. C.
Swyer, G. I. M.
Thomson, A. P. D.
Young, J. Z.
- Zuntz, on carbon monoxide haemoglobin, **7**, 346, *rep.*
see also Rohrig, Pflüger
- Zuntz, N., on the alkalinity of the blood, **2**, 428, *rep.*
state of combination of carbonic acid (carbon dioxide) in blood, **3**, 468-9, *rep.*
- Zuppinger, on axis-cylinder processes of ganglion-cells of spinal marrow, **8**, 392, *rep.*
- Zwan A. van der, *see* Ströer, W. F. H.
- Zweifach, B. W., *see* Reynolds, S. R. M.
- Zweifel, on the digestive apparatus of newly-born children, **9**, 427, *rep.*
on meconium, **10**, 649-50, *rep.*
on respiration in the foetus, **11**, 558, *rep.*

SUBJECT INDEX

- Aardvark**, see *Orycteropus capensis*
- Abdomen**, *Clinical researches in acute abdominal disease* (Cope) 2nd ed. 1927, 62, 363, *rev.*
- Blood supply and anatomy of the upper abdominal organs* (Nichols) 1955, 90, 308, *rev.*
- A manual of practical anatomy, Part II. The thorax and abdomen* (Walmsley) 2nd ed. 1939, 74, 146, *rev.*
- abnormalities, congenital, 43, 121, *rep.*; 44, 102-5, *rep.*
- anterior wall, supra-umbilical defect of, monster (Doran) 15, 226-34 (*foetus*)
- anatomy, topographical, demonstration of models (Brooks) 24, vii, *P.*
- gastrointestinal tract, topographical anatomy (Addison) 33, 565-86
- proper, wall, anterior, agenesis, with multiple visceral abnormalities, (man) (De & Dutta) 70, 438-41
- umbilical region and formation of umbilical cord (Wyburn) 72, 614, *P.*
- infra-umbilical, development (Wyburn) 71, 158-9, *P. (disc. only)*
- development, and aetiology of ectopia vesicae, human embryo (Wyburn) 71, 201-31
- normal and abnormal (Glenister) 91, 610, *P.*
- muscle deficiency (Eckoff & Thompson) 59, 55-7, *S.P.*
- supra-umbilical, development (Wyburn) 72, 365-73 (*human embryos*); 72, 169, *P.*
- ventral development in man (Mall) 33, 501 (*ref. only*)
- regions of (Anderson) 26, 543-7; 26, xxi; (Cunningham) 27, 257-74, 27, xviii, (Smith) 27, 285
- teratology, 35, 504-5, *rep.*; 36, 304-5, *rep.*; 37, 307-8, *rep.*; 38, 368-70, *rep.*; 39, 505-7, *rep.*; 40, 299-300, *rep.*
- umbilical level, demonstration of section (Symington) 27, ii-iii, *P.*
- Abduction**, and flexion, in humeral rotation (Hickey) 100, 947, *P.A.S.A.N.Z.*
- shoulder, in scapular plane, scapular and humeral movements (Freedman & Munro) 100, 947, *P.A.S.A.N.Z.*
- Aberdeen University Anatomical and Anthropological Society**, Inauguration, 35, 268; Meetings, etc., 1900, 36, 93-4, Meetings, 1901-2, 36, 421-3
- Abiogenesis**, experiments (Huizinga) 7, 358, *rep.*; 9, 248, *rep.*
- Abnormalities, congenital**, *Ciba Foundation Symposium on congenital malformations* (Wolstenholme & O'Connor) 1960, 95, 145-6, *rev.*
- The nutritional basis of reproduction* (Millen) 1962, 97, 297, *rev.*
- Chemistry and prevention of congenital anomalies* (Nishimura) 1964, 99, 402, *rev.*
- Congenital anomalies of the face and associated structures* (edited by Pruzansky) 1961, 96, 133, *rev.*
- Über Missbildungen der Extremitäten* (Schonenberg) 1962, 96, 544-5, *rev.*
- some congenital abnormalities (von Winckel, Ballantyne, Vanverts & Ramond) 31, 461, *rep.*
- amnion, role, 40, 294, *rep.*; 43, 124, *rep.*
- classification (Windle) 31, 450-4, *rep.*
- amniotic adhesions as a cause of (Ahlfeld) 29, 465, *rep.*
- death from, age and sex incidence (Pearl) 39, 496-7, *rep.*
- developmental (Giacomini) 30, 451, *rep.*
- experimental (Windle) 31, 454-6, *rep.*
- family (Féré) 30, 451-2, *rep.*; 32, 782-3, *rep.*
- in male children of second marriage (to first wife's sister) 42, 134-5, *rep.*
- in 2 fish (Eigenmann & Kennedy) 39, 500-1, *rep.*
- foetal, relationship to foetal resorption (Beck & Lloyd) 97, 307-8, *P. (rat)*
- incidence, Australia (Hickey) 97, 485, *P.A.S.A.N.Z.*
- multiple, 43, 124, *rep.*; 44, 97, *rep.*; 48, 128, *rep.*
- embryo 19 mm. C.R. length, human (Gladstone) 70, 198-9, *P.*
- 34-36 week foetus (De & Dutta) 70, 438-41
- 7-month foetus (Robson) 92, 652, *P.*
- associated with oligamnios, 33, 513, *rep.*
- heart and pulmonary vessels, 43, 120, *rep.*
- limbs and viscera, 33, 512-13, *rep.*
- seen in the dissecting-room (Hellema, *abs. by Moore*) 2, 199
- types of, 37, 299, *rep.*
- see also Teratology; Variations Only general abnormalities are included here, see also individual organs or regions, e.g. Limbs, Heart; and specific headings, e.g. Monsters, double; Brachydactyly
- Abomasum**, mucous membrane, glands, goat (Hill) 86, 215-20
- Aborigines**, American, *Crania Ethnica Americana* (Gegenbaur) 1892, 27, 565, *rev.*
- Andamanese, brain of (Duckworth) 76, 223-4, *P.*
- Australian (Etheridge & Bassett-Smith) in *J. Anthropol. Inst.* May, 1894, 29, 144, *rev.*
- Craniofacial variations in a Central Australian Tribe. A radiographic investigation of young adult males and females* (Brown) 1965, 100, 680, *rev.*
- articulation, fronto-palatine, presence in skulls (Russell) 74, 129-30, *anat. not.*
- brain, 4 specimens (Duckworth) part I, 42, 69-87; part II, 42, 176-97; part III, 42, 271-87; (Woollard) 63, 207-23
- and endocranial cast (Packer) 83, 195-204
- girl age 12 (Shellshear) 73, 327-45
- growth (Woollard) 65, 224-41
- crania (Duckworth) in *J. Anthropol. Inst.*, May 1894, 29, 142, 144, *rev.*
- femur, lower end, variations (Martin) 66, 371-83
- foetus, external characters (Wood Jones) 67, 549-54
- hair tracts (Gray) 69, 206-25
- muscles, facial (Burkitt & Lightoller) part I, 61, 14-39; part II, 62, 33-57
- nose, observations and measurements (Burkitt & Lightoller) 57, 295-312; 59, 58, *S.P. (t.o.)*
- parietal bone, double, 1 case (Turner) 25, 473-4
- post-orbital irregularity, and of *Hylobates mulleri* (Duckworth) 36, 260-2
- skull (Cooper) 26, xxii-xxiv, *P.*
- sutures, cranial, closure (Abbie) 84, 1-12
- teeth, *Dentition and palate of the Australian aboriginal* (Campbell) 1925, 60, 462, *rev.*

Subject Index

- Aborigines**, Australian, teeth (*cont.*)
 dental arcades in crania of (Turner) 25, 461-72;
 25, xvii, *P. (t.o.)*
 development, further observations (Ramsay
 Smith) 42, 226-35
 and evolution of human teeth (Ramsay Smith)
 42, 126-31
 tibia (Wood) 54, 232-57
 vertebrae, abnormalities, lumbar and sacral (Ram-
 say Smith) 37, 359-61
 cervical (Wood Jones) 72, 411-15
see also Aborigine, Tasmanian
Chatham Islands, osteology of (Scott) in *Trans. New
 Zealand Institute*, vol. xxvi, 1893. 29, 141, 143,
rev.
New Zealand, osteology of (Scott) in *Trans. New
 Zealand Institute*, vol. xxvi, 1893. 29, 141, 143,
rev.
Tasmanian, hair follicle of (Plomley & Baldwin) 98,
 493-4, *P.A.S.A.N.Z.*
 introduced disease as a cause of death (Plomley &
 Wilkinson) 98, 489, *P.A.S.A.N.Z.*
 new material (Thorne) 100, 946, *P.A.S.A.N.Z.*
 stature (Plomley) 98, 482, *P.A.S.A.N.Z.*
see also Aborigine, Australian
Abortion, spontaneous, and chromosome abnormalities
 (Rashad & Kerr) 99, 923, *P.*
Abscess(es), cerebral, with acute hydrocephalus
 (Oedmansson) 3, 242, *n.*
 metastatic, multiple, cause (Recklinghausen) 6, 489,
rep.
Absinth, toxic effect of (Magnau & Bouchereau) 4, 313,
rep. (cat, dog, guinea-pig, rabbit)
 including post-mortem examination (Magnan) 8,
 220, *rep.*
Absorption, (Bernstein) 7, 348-9, *rep. (frog)*
 of albumin, and assimilation (Stockvis) 6, 487, *rep.*
 cutaneous (Röhrig) 7, 188, *rep. (rabbit)*; (Stirling) 11,
 529-32 (*frog*)
see also Absorption, potassium iodide, and other
 substances
 of fat (Basch) 6, 243, *rep.*; (Hofmann) 7, 350, *rep.*;
 (Gad) 13, 125-6, *rep.*
see also, Absorption, oil
 intestinal and digestion in large (Falck) 10, 647, *rep.*
 of peptones, sucrose and sulph-indigotic acid and
 detection in portal vein (Drosdoff) 13, 245-6,
abs.
 intravenous, *see* Absorption, oil, and other substances
 of oil and starch, after cutaneous and intravenous
 application (Auspitz) 6, 245, *rep. (rabbit)*
see also Absorption, fat
 of potassium iodide through skin (Bremend) 7, 199,
rep.
 of starch and oil, after cutaneous and intravenous
 application (Auspitz) 6, 245, *rep. (rabbit)*
 of strychnia, after cessation of circulation (Goltz) 6,
 229, *rep. (frog)*
 and system, nervous, influence on (Goltz) 6, 480-2,
rep. (frog)
 central (Heubel) 7, 349, *rep.*
Acanthias blainvillii, constrictor muscles of branchial
 arches (Allis) 54, 222-31
Acanthobrachia inconspicua, observations (Wright) 1,
 333-4
Acanthocephaloid scolecid, larval form of (Kent) 6, 449,
rep.
Acardia, 33, 515-16, *rep.*; 3 cases (Orth) 7, 332, *rep.*;
 1 case (Opitz) 34, 415, *rep.*; 2 cases (Schied-
 macher) 34, 415-16, *rep.*
 acephalus, 43, 120, *rep.*
 and acephaly, 2 foetuses, 35, 501, *rep.*
 acephalus bipes, 5, 196, *rep. (goat)*
 acephalus omphalositicus (Gladstone) 40, 71-80; 39,
 xxv-xxvi, *P.*
 and anencephaly, 1 case (Corner) 35, iii, *P.*
 cow, 35, 501, *rep.*
 due to adhesion to placenta succenturiata (Corner)
 36, 81-92
Acardiacus amorphus, 38, 365, *rep.*
Accommodation of eyes (Volchers & Hensen) 1, 360,
rep. (dog); 3, 219, *rep. (dog, pig)*; (Adamük &
 Woinow) 5, 212, *rep.*; (Fränkel) 7, 344, *rep.*
 and ciliary body (Norton) 8, 173, *rep.*
 and convergence, relation between (Maddox) part I,
 20, 475-508; part II, 20, 565-84; part III, 21,
 21-42
 and Descemet's membrane (Heiberg) 4, 332-3, *n.*
 effects on visual field (Woinow) 5, 399-400, *rep.*
 influence of, on the idea of distance (Donders, *trans.*
 by W. D. Moore) 1, 169-70
 after iridectomy (Coccius) 3, 218-19, *rep. (man)*
 mechanism of (Dudgeon) 6, 474, *rep.*
 movements of choroid in (Hensen & Völkers) 8, 400,
rep. (ape, cat, man)
 muscarin action on (Krenchel) 9, 414, *rep.*
see also Reflexes, pupillary
Acephalus holoacardiacus, 1 case (Boulgakow) 59, 71-2,
S.P.
Acephaly (Hicks & Bankart) 3, 203, *rep.*; 40, 297, *rep.*
 and acardia, 2 foetuses, 35, 501, *rep.*
see also Acardia
 foetal twin with other visceral and skeletal abnormali-
 ties (Harker) 9, 182-4
 spinal cord in, sheep foetuses (Romanes) 81, 391-2, *P.*
Acetabulum, false presence in common Australian
 bandicoot (*Perameles*, sp.) (Bridge) 42, 57-9
 form, influence of femoral head on, rat (Harrison)
 95, 12-24
Acetone, appearance in urine in diabetes mellitus
 (Rupstein) 9, 439, *rep.*
Acetylcholinesterase, of cerebellum, rat (Shute &
 Lewis) 98, 466, *P.*; 98, 477, *P. (dem. only)*
 distribution in forebrain and cholinergic pathways in
 cortex (Krnjević and Silver) 99, 711-59 (*cat*)
 in the developing forebrain (Krnjević & Silver) 100,
 63-89 (*cat*)
Acheulean man, fragment of cranium found at Bury
 St Edmunds (Keith) 47, 73-9
Achondroplasia, 31, 456, *rep.*; 1 case, 33, 512, *rep.*;
 36, 299, *rep.*; 37, 299, *rep.*; 40, 292, *rep.*; 42,
 133, *rep.*; 43, 124-5, *rep.*; 1 case, 44, 106,
rep.
 in cattle, 40, 292-3, *rep.*
 causation (Jansen) 47, 360-2
 cranial features and cause (Keith) 47, 189-206
 in dogs, 36, 298, *rep.*
 dystrophia hormathica, an unrecorded form of
 defective ossification akin to (Jones) 66, 565-77
 foetus, 42, 133, *rep.*; (Brash) 81, 403, *P. (dem.)*
 and the god, Ptah (Pernet) 39, 499, *rep.*
 and like conditions (Windle) 31, 456, *rep.*
 skull, Mediaeval (West) 72, 621-2, *P.*; 72, 626, *P.*
(dem.)
Achselbogen, *see* Muscles, striped, arches, axillary
Acid, acetic, as preservative (Wright) 4, 259
 aromatic, in relation to excretion of hippuric acid
 (Schultzen & Gräbe) 2, 420, *rep.*
 ascorbic, *see* Vitamin C
 aspartic, fermentation during pancreatic digestion
 (Radziejewski and Salkowski) 9, 426, *rep.*
 butyric, fermentation (Paschutin) 8, 409-10, *rep.*
 fuchsin, *see* Stains and staining

Subject Index

- Acid, (cont.)**
 deoxyribonucleic, in cells, ganglion, during chromatolysis (Causey & Stratmann) 93, 341-7 (rabbit)
 estimation by microphotometry of Feulgen-stained sections (Stratmann) 92, 646, P.
 constancy in nuclei (Cleland) 98, 484, *P.A.S.A.N.Z.*
 content and volume of bandicoot epididymal duct nuclei (Cleland & Rae) 97, 492-3, *P.A.S.A.N.Z.*
 dilute, injection of, into blood (Guttmann) 13, 243, *abs. (rabbit)*
 formation in living (Maly) 13, 238, *rep.*
 free, passage through blood and urine (Hofmann) 7, 355, *rep.*
 nucleic, in spinal cord and dorsal root ganglia, of developing chick (Hughes) 88, 565, P.
 oleic, absorption from small intestine, rat (Hewitt) 91, 582, P.
 phosphotungstic and phosphomolybdic, reactions of, with tissue sections (Bulmer) 95, 290, P.
 ribonucleic, and alkaline phosphatase distribution in developing teeth of rat (Symons) 90, 117-22
 of the stomach (Ralfe, Maly, Laborde) 9, 426, *rep.*
 triphenylmethane dyes, see Stains and staining
- Acipenser**, alimentary canal and pancreas (Macallum) 20, 604-36
- Aconitia**, action of (Wartmann & Boehm) 8, 223, *rep. (rabbit, dog, cat)*
 effect of crystalline extract on frogs and warm-blooded animals (Gréhan & Duquesnel) 6, 496, *rep.*
- Aconitine**, actions of (Achscharumow) 1, 154, *rep.*
 on heart (Lewin) 10, 209-10, *rep. (frog, rabbit)*
- Acranius**, 43, 119, *rep.*
- Acridine orange**, see Stains and staining
- Acrobat**, movements, radiography and cinematography (Lockhart) 67, 205-6, P.
 radiogram (Lockhart) 66, 149, P. (*t.o.*)
- Acrocephaly**, cranial features and cause (Keith) 47, 189-206
 family showing (Wakeley) 60, 477, P.
- Acromegaly**, 30, 452, *rep.*
Études biologiques sur les géants (Launois & Roy) 1904, 39, 369, *rev.*
 description, 1 case (Thomson) 24, 475-92
 and gigantism, 38, 362, *rep.*
 and infantilism, 1 case (Brissaud & Meige) 39, 498, *rep.*
 skeleton, female, with history of 25 years of disease (Geddes) 45, 256-92
- Acromion**, abnormal (Evatt) 74, 143, P. (*dem.*)
 (separate) (Struthers) 22, xi, P.
 notes on (Macalister) 27, 245-51; 27, xvii, P.
 of scapula, separate, 32, 793, *rep.*
 separate, process (Symington) 34, 287-94
- ACTH**, quantitative studies on blood and bone marrow eosinophilic granulocytes following injection (Hudson) 97, 617-18, P. (*guinea-pig*)
- Actinia equina**, nervous system (Woollard & Harpman) 73, 361-2, P.
 see also *Coelenterata*
- Actinia mesembrianthemum**, and parasites, tissue reaction to chemical damage to (Hollis) 6, 381-94; 7, 80-93
- Action-potential**, recording, distribution, cutaneous of sensory nerve mapped by (Frankenhaeuser) 83, 57, P.
- Adaptation**, *Aquatic mammals. Their adaptation to life in the water* (Howell) 1930. 65. 280-1, *rev.*
- Adenohypophysis**, see Hypophysis cerebri, anterior lobe
- Adenoids**, tissue (Luschka) 2, 398, *rep.*
 see also Nasopharynx: Tonsils
- Adenoma**, adrenal, 1 case (Kelyack) 30, 539-44
 breast in 2 females, 13 years old (Patteson) 26, 509-15
- Adenomyoma**, intestinal, 37, 308, *rep.*
- Adhesion(s)**, amniotic, as a cause of congenital abnormalities (Ahlfeld) 29, 465, *rep.*
 interthalamic (Windle) 21, 336, *anat. not.*
 peritoneal, aetiology, and 1 case of intra-abdominal pelvic colon (Reid) 43, 308-9
- Adnexa**, absent, with unicornuate uterus (Ullrich) 34, 421, *rep.*
- Adolescence**, *Growth at adolescence* (Tanner) 1955. 90, 156-7, *rev.*
- Adrenal cortex**, see Cortex of suprarenal glands
- Adrenalectomy**, effects on hypophysis cerebri anterior lobe, rat (Field) 92, 137-42
 and steroid hormones, effect on succinic dehydrogenase reaction of tissues (Malaty & Bourne) 87, 449, P.
 effect on uterine weight, in spayed immature rat (Harrison) 81, 374, P.
- Adrenaline**, effects on cortex of suprarenal gland (Robinson & Yoffey) 84, 32-7 (*rat*); 83, 81, P.
 granular material in chromaffin cells (Coupland & Hopwood) 99, 191-2, P. (*rat, cat, mouse, fowl and frog*)
- Adrenaline-noradrenaline** content of abdominal chromaffin tissues (Coupland) 87, 441, P.
- Adrenaline-storing granules**, mechanism of the differential staining reaction in tissues fixed in glutaraldehyde (Coupland & Hopwood) 100, 227-43
- Aelurus fulgens**, anatomy (Flower) 6, 446, *rep.*
- Africa**, primates, ecology, aspects (Napier) 95, 602, P.
- African**, East, column, vertebral, characteristics (Allbrook) 88, 559, P.
 West, hallux, position (Barnicot & Hardy) 89, 355-61
 thoraco-lumbar mortice joint in (Davis) 95, 589-93
- After-images**, possible cause of corona in (Wright) 26, 192-6
- Agar gel**, use in sectioning of mammalian eggs (Samuel) 78, 173-5; 80, 224, P.
- Age**, *The effect of advancing age upon the human spinal cord* (Morrison, Cobb & Bauer) 1959. 93, 554-5, *rev.*
 changes, in basicranial axis, primates (Ashton) 91, 601, P.
 osteones, secondary, structure (Smith & Walmsley) 93, 576, P.
 in skull, method of tracing (Harris) 66, 142, P.
 suprarenal cortex (MacKinnon, P. C. B. & MacKinnon, I. L.) 93, 571, P.
 in tissue sections revealed by carbonyl reagents (Albert & Leblond) 83, 183-94
 litter size, decline with (Ingram, Mandl & Zuckerman) 91, 601, P.
 effect on sensitivity of erythrocytes to nitrites (Metcalf) 94, 579, P.
 old, *Old age and changes incidental to it* (Humphry) 1885. 20, 191, *rev.*
 repair of wounds and fractures in (Humphry) 19, 115-18
 see also Gerontology
- Ageing**, *The process of ageing in the nervous system* (Birren, Imus & Windle) 1959. 95, 140-1, *rev.*
- Ciba Foundation Colloquia upon ageing**. Volume 2. *Ageing in transient tissues*, 1956. 91, 416, *rev.*
 Volume 5. *The lifespan of animals*, 1959. 94, 567, *rev.*
- Cowdry's Problems of ageing: biological and medical aspects* (edited by Lansing) 3rd ed., 1952. 87, 214-15, *rev.*
 see also Gerontology

Subject Index

- Agénosoma**, 1 case (Taruffi) 29, 465, *rep.*
- Agglutination**, of rabbit red corpuscles in frog serum (Landois) 9, 230, *rep.*
- Agnatha**, *see Myxine*
- Agnathia**, 31, 458-9, *rep.*; (Lawrence) 27, xvi-xvii, *P.*; (Winckel) 31, 458-9
notes on the dissection of a 34-week-old foetus (Graham) 47, 425-32
- Agouti**, Central American, *see Dasyprocta isthmica*
- Ai**, myology of limbs of (Humphry) 4, 17-78
(three-toed sloth), *see also Bradypus*
- Aino**, *Beiträge zur physischen Anthropologie der Aino*, part I. *Untersuchungen am Skelet* (Koganei) 1893. 28, 385-6, *rev.*; part II, *Untersuchungen am Lebenden* (Koganei) 1894. 30, 318, *rev.*
craniology, *Weitere Beiträge zur Craniologie der Bewohner von Sachalin—Aino, Giljaken und Oroken* (Tarenetzky) 1893. 28, 385-6, *rev.*
- Air**, and arterial and venous blood, intrathoracic movements of, during cardiac cycle (Ceraadini) 6, 235, *rep.*
compressed, effects on respiration (Ducrocq) 10, 646, *rep.*
physiological action of, critical review of experiments of Mosso & Youngman (Bacchi) 13, 253-4, *rep.*
conditioning and thermoregulation, within respiratory passages (Cole) 88, 575, *P.*
expired, volume of, under experimental conditions (Leichtenstern) 6, 483-4, *rep. (animals)*
injection into blood vessels (Kowalewsky & Wysotsky) 9, 224, *rep. (cat, dog)*
movement in respiratory tract during cardiac systole (Landois) 6, 235, *rep.*
- Akazga** (icaja ordeal poison of the Gaboon) action (Rabuteau & Peyre) 5, 393, *rep. (frog, dog, rabbit)*
chemical and physiological properties (Fraser) 2, 186, *rep.*
- Ala temporalis** and alisphenoid, homology (Kesteven) 61, 112-31
see also Temporal bone
- Albinism**, in Ceylon (Hill) 80, 239, *P.*
and Melanesians and Polynesians, 37, 299, *rep.*
- Albinos**, Cape Cod Colony ('Standard') 39, 498, *rep.*
- Albumin** (Nasse) 8, 204, *rep.*
absorption, and assimilation of (Stockvis) 6, 487, *rep.*
intestinal (Letzerich) 1, 361, *rep.*
and casein (Béchamp) 9, 234, *rep.*
structural difference (Wanklyn) 6, 465, *rep.*
coagulation effect of gases upon (Mathieu & Urbain) 8, 408-9, *rep.*
colour reaction (Adamkiewicz) 9, 234, *rep.*
degradation of, with barium hydroxide (Schützenberger) 13, 238, *abs.*
effect of diminished supply of oxygen on decomposition (Fränkel) 11, 567, *rep.*
egg and serum (Haycraft, Carlier & Schofield) 22, 134
estimation of nitrogen in (Maerker) 8, 411, *rep.*
quantitative (Liborius) 7, 358, *rep.*; (Esbach) 8, 421, *rep.*
in milk (Puls) 11, 568, *rep.*
in urine (Stolnikow) 11, 566, *rep.*
ingested, and biliary sulphur, relation between (Kunkel) 11, 562-3, *rep. (dog)*
metabolism, site (Hoppe-Seyler) 8, 206-7, *rep.*
metamorphosis, retrograde, during albuminous and fatty diet (Voit) 4, 321-3, *rep.*
properties (Heynsius) 10, 642-3, *rep.*
salt-free solutions of (Winogradoff) 10, 643, *rep.*; (Aronstein & Schmidt) 8, 410, *rep.*
serum (Heynsius) 3, 120-2
effect of injection into blood (Creite) 4, 321, *rep.*
researches into (Zahn) 4, 321, *rep.*
transfused, chemical changes in (Tschiriew) 10, 647, *rep.*
in urine (Senator) 9, 241, *rep.*
see also Egg, white
- Albuminates**, digestion of (Bary) 1, 358, *rep.*; estimation of nitrogen in (Seegen & Nowak) 8, 204, *rep.*
- Albuminoids**, reactions (Diakonow) 2, 431, *rep.*; (Schwarzenbach) 2, 431, *rep.*
synthesis (Rudzki) 11, 559, *rep. (animal)*
- Albuminous bodies** (Nasse) 8, 410, *rep.*
- Albuminous substances** (Dusart & Dusart) 8, 410, *rep.*
effect of heat on (Schmidt) 5, 225, *rep.*
action of water on (Lubavin) 6, 460, *rep.*
- Albuminuria** (Stokvis) 3, 241, *rep.*; (Runeberg) 13, 249-50, *rep.*
after injection of various proteins (Béchamp & Baltus) 13, 255-6, *abs. (dog)*
nature of proteins of, in urine (Brunton & Power) 13, 250-1, *rep.*
- Alcaptonuria** (Kirk) 23, 69-80
- Alciopa**, development (Buchholtz) 4, 161, *rep.*
- Alcohol**, and absinthe, comparative effects of poisoning by, including post-mortem examination, 8, 220, *rep.*
action, physiological (Sée) 8, 410, *rep.*; (Dogiel) 9, 234, *rep.*
effects (Marvaud) 6, 500-1, *rep.*; (Ross) 8, 220, *rep.*
on body temperature (Binz) 4, 170-1, *rep. (man, dog)*; (Riegel) 8, 427, *rep.*; 9, 247, *rep.*
and pulse (Rabow) 8, 427, *rep.*; (Parkes & Wollowicz) 5, 201-2, *rep.*
on nervous system (Hammond) 9, 412, *rep.*
on warm-blooded animals (Binz) 8, 233-42 (*man, dog, rabbit*); 8, 427, *rep.*
elimination of (Dupré) 6, 492-3, *rep.*
occurrence in organism (Rajewsky) 10, 654, *rep.*
and quinia, antipyretic action of (Binz) 5, 204, *rep. (dog)*
use in histology (Ranvier) 9, 404, *rep.*
vapour, incubating eggs exposed to (Féré) 34, 411, *rep.*
see also Brandy
- Aldehyde fixation** of nerve fibres (Vaughn & Peters) 100, 687, *P.*
- Alisphenoid**, homology, mammalian, and of echidna-ptyergoid (Kesteven) 52, 449-62
and ala temporalis (Kesteven) 61, 112-31
sauropsida (Allis) 53, 209-22
see also Sphenoid
- Alizarin**, *see* Stains and staining
- Alizarin Red A.S.**, *see* Stains and staining
- Alkali(es)**, action on diastatic action of saliva and pancreatic juice (Cornillon & Bretet) 11, 559, *rep.*
withdrawal from living body (Salkowski) 8, 410, *rep.*
- Alkaline salts**, physiological studies (Bogolowsky) 8, 204, *rep.*
- Alkaloids**, action (Rossbach) 9, 248, *rep.*
effect on heart and blood-vessels (atropia, digitalin, aconita, strychnia, veratria, morphia, nicotia, conia) (Nunneley) 4, 315, *rep. (frog)*
of fungi (Schiff) 11, 570, *rep.*
influence on properties of haemoglobin (Schür) 9, 416, *rep.*
- Allantoin**, formation from uric acid, *in vivo* (Salkowski) 11, 566, *rep.*

Subject Index

- Allantois**, in human embryo (Krause) 10, 457, *rep.*
non-development, as illustrated by case of symphodia (Boulgakow) 63, 253-8
- Alligator**, American, brain, vascularization (Craigie) 76, 347-55
central nervous system in (Rabl-Ruckhard) 13, 268 (*t.o.*)
embryos, two in single yolk, 42, 136, *rep.*
myology (Haughton) 2, 405, *rep.*
physiology of heart (Mills) 20, 549-58
see also Crocodilia
- Allis Shad**, *see* Pisces, British Clupeoid
- Allocortex**, afferent connexions (Cragg) 99, 339-57
(*cat, rabbit*)
- Alloxan**, effect on grafts, pancreatic (Coupland) 91, 581, *P. (rat)*
radioactive concentration in tissues of rat (Janes) 87, 448-9, *P.*
- Aloin**, action (McKendrick) 6, 500, *rep.* (*pigeon, rabbit, cat, dog, man*)
- Alouatta**, interparietal suture in, 1 case (Frassetto) 34, 417, *rep.*
Alouatta fuscus, muscles (Sirena) 6, 444, *rep.*
Alouatta seniculus (South American monkey) crania, reconstruction models (Fawcett) 67, 194, *P. (disc.)*
- Alphachymotrypsin**, zonulysis by, *in vitro* experimental demonstration (Crews) 94, 287, *P.*
- Altitude**, effect on body temperatures (Lortet) 4, 331, *rep.*
Aluatas, see Alouatta
- Aluminium**, physiological action (Blake) 10, 478-83
- Alveoli**, pulmonary, accessory communications between (Lambert) 91, 573-4, *P. (cat, guinea-pig, man, rabbit)*
influence of medulla on (Schiff) 6, 234, *rep.*
protective mechanism, possible (Barclay, Franklin & Prichard) 74, 554, *P.*
- Amastia**, (Williams) 25, 304-15; 44, 101, *rep.*
- Amblyostoma**, *Anatomy and the problem of behaviour* (Coghill) 1929, 64, 104-5, *rev.*
mesonephros development, experiments (O'Connor) 74, 34-44
Amblyostoma punctatum, see Anuran embryos
Amblyostoma tigrinum, pronephric duct (O'Connor) 73, 145-54
effects of obstructing growth (O'Connor) 73, 669, *P. (disc.)*
see also Anuran embryos
- Amblypterus anconoechmodus**, a new species (Walker) 7, 338, *rep.*
- Amelia**, with report on spinal cord, 32, 792-3, *rep.*
- Ameloblast**, layer, of enamel organ, effect of fixation on, rat (Symons) 91, 527-32
enamel interface, carbon replica study (Boyde) 100, 689-90, *P.*; 100, 705, *P. (dem.)*
- Amia**, alimentary canal and pancreas (Macallum) 20, 604-36
hyomandibular clefts and pseudobranchs of (Wright) 19, 476-99
- Amia calva**, sections of embryos (Frazer) 59, 27-8, *S.P.*
- Amines**, biogenic, reaction with glutaraldehyde (Hopwood & Coupland) 99, 414, *P.*
reaction, noradrenaline with glutaraldehyde (Hopwood & Coupland) 99, 191, *P.*
- Amino oxydase**, histochemistry (Blaschko & Hellmann) 87, 464, *P.*
- α amino-propionic amide**, a new constituent of urine (Baumstark) 9, 241-2, *rep.*
- Aminopterin**, and explanted chick embryo (O'Dell & McKenzie) 95, 452, *P.*
- Ammocoetes**, digestion of proteins (Alcock) 33, 612-37
nerves, cranial, peripheral, distribution (Alcock) 33, 131-53
- origin of vertebrates from study of (Gaskell) part I. Brain, 32, 513-53; part II. Skeleton, cranio-facial, 32, 553-81; part III. On the origin of branchial segmentation, 33, 154-88; part IV. The thyroid of opercular segment. The meaning of the facial nerve, 33, 638-71; parts V, VI, VII, VIII. On the meaning of the trigeminal group of nerves, and the relation of the olfactory organ to the old mouth (Gaskell) 34, 465-587; 34, xxv-ii, *P.*, November 1899; part IX. Nerves optic and origin of optic apparatus (Gaskell) 35, 224-67; 35, iv-vi, *P.*; part X. Auditory organ and cranial nerves (Gaskell) 36, 164-208; part XI. Pronephros, mesonephros, body cavity, somatic muscles of trunk, endocrine glands (Gaskell) 37, 168-219; part XII. The principles of embryology, 39, 371-401; part XIII. The notochord and alimentary canal, 40, 305-17
- Ammonia**, in blood (Brücke) 3, 231, *rep.*
intravenous injection, effects (Funke) 10, 220-1, *rep.* (*frog, rabbit*)
production of, in putrefying blood (Exner) 6, 247-8, *rep.*
salts, action on animal organism (Lange) 9, 448, *rep.*
- Ammonium bromide**, chloride and iodide, local action on afferent nerves of frog's leg (Ringer & Morshead) 12, 58-72
- Ammonium salts**, reaction of urine in relation to content (Salkowski & Monk) 13, 247-8, *abs. (dog)*
- Ammonium sulphocyanide**, as histological reagent (Stirling) 17, 207-10
- Amnion**, *The human amnion and chorion* (Bourne) 1962, 96, 412, *rev.*
and congenital malformations, role in production, 37, 299, *rep.*; 40, 294, *rep.*
eye anomalies, 42, 137, *rep.*
foetal amputations, 35, 499, *rep.*
distended, external features, early human embryo (Patten) 43, 235-41
formation, defective (Thorner) 4, 161, *rep.*
in human embryo (Giacomini) 29, 464-5, *rep.*
observations (Schenck) 6, 441, *rep.*
and proamnion in chick (Shore & Pickering) 24, 1-21
structure (Winogradov) 6, 441, *rep.*
- Amnion-allantois**, chick, lymphatic spaces (Creighton) 33, 527-45
- Amniota**, hexadactylism and phalangeal variations in (Howes & Hill) 26, 395-403
- Amorphia**, 2 cases (Orth) 7, 332, *rep.*
- Amphibia**, autostylism, and of Dipnoi (Edgeworth) 59, 225-64
buccal cavity and dentary system, skeleton of (Hertwig) 9, 397, *rep.*
cloaca, development, experimental (O'Connor) 74, 301-8
heart (Fritsch) 5, 200, *rep.*
larval, pronephros transplantation in (O'Connor) 72, 178-9, *P. (dem.)*
mesonephros development, experiments (O'Connor) 74, 34-44
nephric system (O'Connor) 72, 473, *P.*
evolutionary significance of embryology (O'Connor) 75, 95-100
The development of the Müllerian [paramesonephric] duct of Amphibians (Wilson) 1896, 31, 164, *rev.*
retina (Hulke) 1, 94-106
development (Cameron) part I, early stages, 39, 135-53; part II, cellular differentiation, 39, 332-48; part III, development of cones and pigment cells, 39, 471-88
teeth, development (Tomes) 9, 397, *rep.*

Subject Index

- Amphidotus cordatus*, structure and habits (Robertson) 6, 448, *rep.*
- Amphinoma**, classification (Kinberg) 4, 332, *N.*
- Amphioxus*, dorsal root nerves, electron microscopy (Peters) 97, 310, *P.*
- double and multiple monsters in (Wilson) 27, 416-17, *rep.*
- nervous system, in *Biologische Untersuchungen*, volume II (Retzius) 1891, 26, 577, *rev.*
- oviposition, mode (Marshall) 10, 502-5, *rep.*
- spinal nerves (Balfour) 10, 689-92
- Amphioxus lanceolatus*, development of (Kowalevsky) 3, 205, *rep.*
- Ampulla**, pancreatico-biliary, of various mammals, drawings (Cave) 77, 121, *P.*
- Ampulla of Vater**, *see* Papilla, duodenal
- Amputation(s)**, foetal, and amnion, 35, 499, *rep.*
- hind-limb, pelvis after, rat (Harrison) 90, 563, *P.*
- intra-uterine, 25, 440
- of forearm, with lipoma pendulum caudiforme, 38, 370, *rep.*
- see also* specific conditions
- Amyelus**, 33, 510, *rep.*
- Amygdala**, *see* Nuclei, amygdaloid
- Amyl nitrite**, action (Wood) 6, 495-6, *rep. (animals)*; (Mayer & Friedrich) 11, 572-3, *rep. (dog)*
- on circulation (Brunton) 5, 92-101 (*dog, rabbit*)
- on muscular fibres (Pick) 8, 425, *rep.*
- effect on blood-corpuscles (Ladendorff) 9, 416, *rep.*
- inhalation, subcutaneous and intravenous injection, effects (Amez-Droz) 8, 221-2, *rep.*
- experimental, effects (Goodhart) 5, 391, *rep.*
- injection, intravenous, effects (Amez-Droz) 8, 221-2, *rep.*
- subcutaneous of (Hoffman) 8, 222, *rep. (rabbit)*; (Amez-Droz) 8, 221-2, *rep.*
- and strychnine, physiological antagonists (Richardson) 2, 425, *rep.*
- Amylase(s)**, distribution, in tissues and salivary glands (Lepine) 6, 247, *rep. (man, frog, dog, slug)*
- pancreatic, study (Liversidge) 8, 23-9 (*pig*)
- Amylene**, actions (Ranke) 2, 184, *rep.*
- Amyloid**, 'wax-like' disease of the heart (Hamilton) 18, 54-9
- Amylolytic ferments** (Foster) 1, 107-13
- Amylophosphorylase**, activities in myometrium, effects of oestrogen, progesterone and relaxin, mice (Hall) 99, 926, *P.*
- Anaemias**, pathology and physiology (Muir) 25, 475-9
- Anaesthesia**, chloroform, pupil in (Neilson) 22, 154-71 (*man, dog*)
- from cold (Horvath) 8, 427, *rep.*
- regional, and innervation of the teeth (Stewart & Wilson) 63, 167-8, *P.*
- Anaesthesiology**, *Anatomy for the anaesthesiologist. A stereoscopic atlas* (Dornette) 1963, 98, 458, *rev.*
- Anatomy for anaesthetists* (Ellis & McLarty) 1963, 98, 282, *rev.*
- Anaesthetics**, actions (Hermann) 1, 155, *rep.*; (Bernard & Berthelot) 11, 575, *rep. (animals, plants)*; (M'Kendrick) 13, 219-23 (*frog, rabbit, dog*)
- influence on vasomotor centres (Bowditch & Minot) 9, 216, *rep. (dog)*
- changes induced on suprarenal gland cortex by (Robinson) 85, 423, *P.*
- (chloroform, ethidene, ether) effects on pulmonary circulation (Newman) 14, 495-510 (*frog*)
- effects of subcutaneous injection of chloral, chloroform and ether (Mitchell) 5, 390, *rep. (pigeon)*
- effects on cutaneous and tendon reflexes (Eulenberg) 16, 142-3, *rep.*
- see also* individual names
- Anaesthetization**, lampreys (Baxter) 93, 570, *P. (Tl' dem.)*
- Analysis**, chemical, *Handbuch d. physiologisch- und pathologisch-chemischen Analyse* (Hoppe-Seyler) 4th ed., 1875, 10, 658, *rep. (notice)*
- counting method for study of tissue sections (Hally) 97, 639, *P.*
- Anas platyrhynchos* (domestic duck) respiratory pathways, comparative anatomy (Akester) 94, 487-505; 94, 582, *P.*
- salt gland, developing, histology and histochemistry (Buxton *et al.*) 100, 931, *P.*
- secretory capacity of (Hally *et al.*) 100, 930, *P.*
- supraorbital (nasal) glands, histological structure, saline-fed and freshwater-fed (Benson & Phillips) 98, 571-8, *P.*
- Anastomoses, arterial**, demonstration by x-ray (Haughton) 32, xxiv, *P.*
- between internal and external carotid circulations, dog (Jewell) 86, 83-94
- between internal carotid and basilar (Elliot Smith) 43, 310-11
- in placenta of uniovular (?) triplets (Ross) 81, 403-4, *P. (dem.)*
- study (McDonald & Potter) 84, 327-8
- arterio-portal**, and terminal distribution of hepatic artery (Mitra) 100, 651-63
- arterio-venous**, *Zur Orthologie und Pathologie der Hoyer-Grosser'schen Organe* (Schorn) 1959, 94, 144, *rev.*
- distribution in sheep skin (Molyneux) 98, 483, *P.A.S.A.N.Z.*
- dermal, fine structure, sheep (Molyneux) 99, 951, *P.A.S.A.N.Z.*
- of ear, rabbit (Berlinerblau) 10, 450, *rep.*
- experimental formation (Rossati) 90, 318-28
- external (Prichard & Daniel) 90, 309-17
- in skin of head and ears, calf (Goodall) 89, 100-5
- in nasal mucosa, in mammals (Harper) 83, 61, *P.*
- nose (Dawes & Prichard) 87, 311-22 (*cat, dog, goat, pig, rabbit, rat, sheep*)
- in vivo*, film (Monro) 97, 635, *P. (rabbit)*
- stomach (Barlow) 85, 1-5; 84, 405, *P.*
- structure (Barlow) 85, 413, *P.*
- tongue, dog (Prichard & Daniel) 87, 66-74
- intramuscular, efficiency, and observations on regeneration of devascularized muscle (Le Gros Clark & Blomfield) 79, 15-32
- lymphatico-venous**, albino rat (Engeset) 93, 380-3
- venous**, portal systemic, recto-uterine (Wermuth) 74, 116-26
- Anatomical Society of Great Britain and Ireland**, Agreement between Editors of Journal of Anatomy and Members of the Anatomical Society circulated, 40, vii, *P.*
- Contribution to International Catalogue of Scientific Literature, 37, ii, *P.*; 41, v-viii, *P.*; expenses, 41, viii, *P.*
- Collective Investigations, 26, 76-93; 27, 183-94; 28, 62-76; 29, 35-60; 31, 31-44; 31, 619-23; 32, 164-86; 33, 189-203; 34, 260-72
- On the death of Queen Victoria, 35, vii-viii, *P.*
- Reply from King Edward VII, 35, xv, *P.*
- election of members, 31, xviii, *P.*; 31, xxix-xxx, *P.*; 32, i, *P.*; 32, xxvi, *P.*
- election of officers, 25, i, *P.*; 26, i, *P.*; 27, xi, *P.*; 28, i-ii, *P.*; 29, i, *P.*; 30, i-ii, *P.*; 31, xvii, *P.*; 32, xxvi, *P.*; 33, ii, *P.*; 34, i-ii, *P.*, Nov. 1899; 35, ii, *P.*; 36, xxx, *P.*; 37, i-ii, *P.*; 38, i, *P.*; 39, i-ii, *P.*; 41, v-vii, *P.*; 43, ii-iii, *P.*
- First dinner at Exeter College, 31, xiii-iv, *P.*

Subject Index

Anatomical Society of Great Britain and Ireland (cont.)

- First International Congress of Anatomy, Geneva, 1905. 40, i-ii, *P.*; representative, 37, lxviii-lxviii, *P.*
- Foundation, constitution, officers and council, 21, 681-2
- Honorary Members, 25, i, *P.*
- Meetings, 1st, 2nd and 3rd. List of papers read at 3rd meeting, 21, 681-2
- Proceedings of a Symposium on Ultrastructure of Cells, *Electron microscopy in anatomy* (Boyd, Johnson & Lever) 1961. 95, 444-5, *rev.*
- Referees for Royal Society papers, 37, lxviii, *P.*
- Rules of Society, 22, i-ii, *P.*; committee of management, 22, ii, *P.*
- Alteration of Rule XX relating to copyright, 43, ii-iii, November, 1908
- Replies to questions (Alexander) 31, 619-23
- Treasurer's report, 28, i-ii, *P.*; 29, i, *P.*; 30, i-ii, *P.*; 31, xvii-xviii, *P.*; 32, xxv, *P.*; 33, ii, *P.*; 34, i-ii, *P.*, November 1899; 35, i-ii, *P.*; 36, xxx, *P.*; 37, i-ii, *P.*; 38, i, *P.*; 39, i-ii, *P.*; 43, iv, *P.*, November, 1907
- Anatomische Gesellschaft, Descriptive anatomy, 33, 213-14, *abs.*
- Anatomy, included here are general papers, general textbooks and some special textbooks. See also individual subject headings throughout
- Andreas Vesalius, Inaugural Presidential Address (Wright) 67, 192, *P.*
- early works (Guthrie) 81, *P. (dem.)*
- exhibition of early British anatomists (Smith) 34, xlii-xlv, *P.*, July, 1899
- oldest memoranda extant on, from the Ebers papyrus (Ebers) 32, 775-8
- notices of Dutch and Scandinavian contributions to anatomical and physiological science (Moore) 1, 171-84; 1, 363-7; 2, 194-9; 2, 432-4; 3, 242-51; 4, 191-5; 4, 332-9; 5, 227-32
- observations (Wagstaffe) 5, 274-81
- principles (Harris) 77, 119, *P.*
- reports on progress (Turner) 1, 146-53; 1, 356-7; 2, 165-76; 2, 392-406; 3, 195-206; 3, 447-59; 4, 150-63; 4, 300-10; 5, 192-200; 5, 375-88; 6, 433-49; 7, 167-74; 7, 326-38; 8, 159-78; 8, 386-94; (Turner & Cunningham) 9, 190-207; 9, 388-406; 10, 440-58
- general textbooks, *The principles of anatomy, an introduction to human biology* (Abbie) 2nd ed. 1946. 81, 121, *rev.*
- Der Bau des menschlichen Körpers mit besonderer Rücksicht auf seine morphologische und physiologische Bedeutung; ein Lehrbuch der Anatomie für Ärzte und Studierende* (Aeby) part I, 1868. 3, 188, *rev.*; part II, 1868. 4, 149, *rev.*
- A manual of human anatomy*, vols. 1-5 (Aitken, Causey, Joseph & Young) 1956-7. 91, 415-16, *rev.*
- Grundlagen der Anatomie* (Alverdes) 1959. 94, 571, *rev.*
- Bailliere's Synthetic anatomy* (Cheesman) Parts I-XII, 1930. 67, 187, *rev.*
- Aus der Werkstatt der Anatomen* (edited by Bargmann) 1965. 100, 675, *rev.*
- Elementary human anatomy* (Berger) 1964. 99, 403, *rev.*
- Anatomie des Menschen: ein Lehrbuch für Studierende und Ärzte* (Braus) 1921. 56, 161-2, *rev.*; part 2, 1924. 59, 446, *rev.*; part III (continued by Elze) second part, 2nd ed. 1960. 95, 276, *rev.*

- Repetitorium anatomicum* (Broesike) 1930. 65, 280, *rev.*; 3rd ed. (edited by Mair) 1932. 68, 124, *rev.*
- Human body composition. Approaches and applications. Symposium for the Society of Human Biology* (ed. by Brožek) vol. VII, 1965. 100, 416-17, *rev.*
- Anleitung zu den Präparirübungen und zur Repetition der descriptiven Anatomie des Menschen* (Budge) 1866. 1, 145, *rev.*
- Practical anatomy* (Le Gros Clark) 1946. 81, 121, *rev.*
- Memoirs and memoranda on anatomy* (Cleland, Mackay & Young) 1889. 24, 613, *rev.*
- Anatomist at large* (Corner) 1958. 93, 140, *rev.*
- Cunningham's Textbook of anatomy* (ed. by Robinson) 4th ed. 1913. 57, 390, *rev.*; 6th ed. 1931. 66, 277-8, *rev.*; 7th ed. (edited by Brash & Jamieson) 1937. 71, 550, *rev.*; 9th ed. (edited by Brash) 1951. 86, 230, *rev.*; 10th ed. (edited by Romanes) 1964. 99, 400-1, *rev.*
- Manual of practical anatomy* (Cunningham) vols. I, II, & III, 7th ed. 1920. 54, 332, *rev.*; 8th ed., 3 vols. 1927. 62, 244, *rev.*; 9th ed. (edited by Brash and Jamieson) 1935. 70, 185, *rev.*; 10th ed. (revised and edited by Brash & Jamieson) 1940. 75, 143-4, *rev.*; 11th ed. (edited by Brash) 1948. 83, 386, *rev.*
- Demonstrations of anatomy* (Ellis) 6th ed. 1869. 3, 444, *rev.*
- Ellis's Anatomy*, 13th ed. (revised and edited by Keen) 1946. 81, 367, *rev.*
- Clinical anatomy* (Ellis) 1960. 95, 276-7, *rev.*
- Atlas of topographical and applied human anatomy. Vol. 1. Head and neck* (edited by Ferner, trans. by Monsen) 1963. 98, 280, *rev.*
- Anatomy: a regional study of human structure* (Gardner, Gray & O'Rahilly) 1960. 95, 278, *rev.*; 2nd ed., 1963. 98, 280, *rev.*
- Gowland and Cairney's Notes on anatomy*, vol. II, 4th ed., edited by W. E. Adams & G. C. Schofield, 1961; vol. III, 2nd ed. (edited by Adams) 1959. 96, 307, *rev.*
- A method of anatomy* (Grant) 2nd ed. 1940. 75, 143, *rev.*; 3rd ed. 1944. 73, 198, *rev.*
- Gray's Anatomy, descriptive and applied* (edited by Johnston) 25th ed. 1932. 67, 486, *rev.*; 26th ed. (edited by Johnston) 1935. 70, 322, *rev.*; 29th ed. (edited by Johnson & Whillis) 1946. 81, 121, *rev.*; 32nd ed. (edited by Johnston, Davies, D. V. & Davies, F.) 1958. 93, 268, *rev.*; 33rd ed. (edited by Davies, D. V. & Davies, F.) 1962. 97, 296-7, *rev.*
- Textbook of human anatomy* (edited by Hamilton) 1956. 91, 296-7, *rev.*
- Anatomische Studien* (edited by Hasse) 1st part, 1870. 4, 286-7, *rev.*; 2nd part, 1871. 7, 166, *rev.*; 3rd part, 1872. 7, 166, *rev.*
- Practical anatomy: a manual of dissections* (Heath), 2nd ed. 1869. 4, 148, *rev.*
- Textbook of anatomy* (Hollinshead) 1962. 97, 293-4, *rev.*
- A companion to manuals of practical anatomy* (Jamieson) 3rd ed. 1932. 67, 353, *rev.*
- Anatomy of the human body* (Lockhart, Hamilton & Fyfe) 1959. 94, 281-2, *rev.*
- A textbook of human anatomy, systematic and topographical, including the embryology, histology and morphology of man* (Macalister) 1889. 24, 612, *rev.*
- Lessons in elementary anatomy* (Mivart) 1873. 7, 321, *rev.*

Anatomy, general textbooks (cont.)

- Elementary anatomy and physiology* (Mulliner) 4th ed. 1938. 73, 348, rev.
- A manual of anatomy for senior students* (Owen) 1890. 24, 613, rev.
- Review of gross anatomy* (Pansky & House) 1964. 99, 675, rev.
- Traité d'anatomie humaine* (Paturet) vols. I and II, 1951. 86, 81-2, rev.
- Quain's Anatomy*, 7th ed. (edited by Sharpey et al.) 1867. 1, 353, rev.; 8th ed. (edited by Sharpey et al.) vol. I, 1876. 10, 438, rev.; 10th ed. (edited by Sheäfer & Thane) 1890-2. 26, 578, rev.
- Foundations of anatomy and physiology* (Ross & Wilson) 1963. 97, 611, rev.
- British anatomy: 1525-1800. A bibliography* (Russell) 1964. 98, 459, rev.
- Introduction to anatomy* (Sahasrabudhe) 1929. 65, 281, rev.
- Lehrbuch der normalen Anatomie des Menschen* (Sieglbauer) 1927. 63, 147, rev.
- Practical anatomy* (Stibbe, editor, Six Teachers) 1932. 68, 431, rev.
- Beschreibende und funktionelle Anatomie des Menschen* (Tittel) 3rd ed. 1962. 96, 544, rev.
- Man's anatomy. A study in dissection.* 3 vols. (Tobias & Arnold) 1963-4. 100, 208, rev.
- An introduction to human anatomy, including the anatomy of the tissues* (Turner) part I, 1875. 9, 386, rev.
- The anatomy of the bodie of man* (Vicary, ed. by Furnivall, F. J. & P.) 1888. 23, 164, rev.
- A manual of practical anatomy, part II* (Walmsley) 2nd ed. 1939. 74, 146, rev.; part III (Walmsley) 1936. 71, 550, rev.
- Warren's Handbook of anatomy* (text by R. M. Green) 1930. 65, 405, rev.
- The study of anatomy* (Whitnall) 2nd ed. 1933. 68, 287-8, rev.; 3rd ed. 1936. 70, 443, rev.
- Anatomical lectures of William Harvey* (ed. Whitteridge) 1964. 99, 399-400, rev.
- The anatomist's vade mecum* (Wilson, edited by Buchanan) 9th ed. 1873. 8, 157, rev.
- Essentials of human anatomy* (Woodburne) 2nd ed. 1961. 95, 600, rev.; 3rd ed. 1965. 100, 680-1, rev.
- Recent advances in anatomy* (Woollard) 1927. 62, 242-3, rev.
- A new system of anatomy* (Zuckerman) 1961. 96, 305-6, rev.
- applied, A treatise on applied anatomy** (Taylor) 1904. 39, 118, rev.
- Applied anatomy: the construction of the human body considered in relation to its functions, diseases and injuries* (Davis) 4th ed. 1916. 51, 400, rev.
- for art students, A textbook on the artistic anatomy of the human form** (Parkes) 1923. 64, 535, rev.
- Human anatomy for art students* (Tresilian and Williams) 1961. 96, 303, rev.
- atlases, An atlas of human anatomy** (Anson) 2nd ed. 1963. 98, 138, rev.
- Lehrbuch der topographischen Anatomie* (Blumberg) 1926. 61, 151, rev.
- Topographical anatomy of the dog* (Bradley) 2nd ed. 1927. 62, 518-19, rev.
- Anatomischer Atlas des menschlichen Körpers* (Kiss & Szentagothai) 7th ed., 3 vols. 1960. 95, 139, rev.
- Atlas of human anatomy, vols. 1-3* (Kiss & Szentagothai) 1963-4. 100, 208-9, rev.

- Topographisch-Anatomischer Atlas. Nach Durchschnitten an gefrorenen Cadavern* (Braune) 1867-72. 2, 158, rev.
- Hand Atlas der Anatomie des Menschen* (His & Spalteholz) vol. I, 1st part, 1895; 2nd part, 1896. 31, 166-7, rev.; (Spalteholz, ed. and trans. by L. F. Barker) 2nd English ed. 1909. 41, 91, rev.; (Spalteholz, ed. and trans. by Barker) 7th ed. n.d., c.1921. 58, 284, rev.
- Spalteholz-Spanner Handatlas der Anatomie des Menschen* (edited by Spanner) vol. I, 16th ed. 1959-61. 95, 600, rev.
- Pocket atlas of anatomy* (Pauchet & Dupret) 2nd ed. 1931. 66, 278-9, rev.
- Atlas of topographical and applied human anatomy* (Pernkopf, ed. Ferner, trans. Monson) vol. 2, 1964. 99, 185, rev.
- Anatomischer Atlas (Toldt)* revised and edited by Hochstetter, 13th ed., vols I-III, 1927. 62, 520, rev.; vols. I-III, 14th ed. 1931. 66, 127-8, rev.
- Angewandte und topographische Anatomie* (Töndury) 1949. 84, 399, rev.
- Atlas der Topographischen des Menschen* (von Bardeleben & Haeckel) 1894. 31, 167, rev.
- Atlas der systematischen Anatomie des Menschen* (Wolf-Heidegger) Band I, 1954. 88, 433, rev.
- Atlas of systematic human anatomy* (Wolf-Heidegger) 3 vols., 1962. 96, 544, rev.
- The Edinburgh stereoscopic atlas of anatomy* (Waterston) 1905. 39, 368-9, rev.
- comparative The comparative anatomy of domesticated animals** (Chaveau & Arloing) 2nd ed. (ed. and trans. by George Fleming) 1873. 7, 322, rev.; 8, 157, rev.
- The comparative anatomy of the domesticated animals* (Chauveau & Arloing) 1891. 26, 277
- Vorlesungen über vergleichende Anatomie* (Bütschli) part 5, 1931. 66, 674, rev.
- Leçons sur la physiologie et l'anatomie comparée de l'homme et des animaux* (Edwards) 1870. 4, 294, rev.; vol. x, part I, 1872. 7, 166, rev.; vol. x, part II and vol. xi, part I, 1874. 9, 386, rev.; vol. xi, part II, 1875. 10, 437, rev.
- Untersuchungen zur vergleichende Anatomie der Wirbelthiere*, 2 vols. (Gegenbaur) 1864-5. 2, 155-8, rev.
- Grundzüge der vergleichenden Anatomie* (Gegenbaur) 2nd ed. 1870. 4, 287, rev.
- Grundriss der vergleichenden Anatomie* (Gegenbaur) 1874. 8, 385, rev.
- Studies on the structure and development of vertebrates* (Goodrich) 1930. 66, 128-9, rev.
- Handbuch der vergleichenden Anatomie der Wirbeltiere* (Göppert, Kallius & Bolk) vol. I, 1931. 66, 280-1, rev.; (Bolk, Göppert, Kallius, Lubosch) vol. VI, 1933. 70, 444-5, rev.; Band III, parts I & II, 1934. 70, 446, rev.; Band III and Band IV, 1936. 72, 136-7, rev.; Band V, c.1940. 74, 146, rev.
- A laboratory manual for comparative vertebrate anatomy* (Hyman) c.1922. 57, 96, rev.
- Mammalian anatomy, part I. The skeleton of the cat compared with the skeleton of man* (Jayne) 1898. 32, 798-9, rev.
- Lehrbuch der Vergleichenden Anatomie* (Nuhn) 1875. 10, 437, rev.
- On the anatomy of vertebrates* (Owen), vol. III, Mammals, 1868. 3, 436-43, rev.
- Éléments d'anatomie comparée* (Perrier) 1892. 27, 429, rev.
- Catalogue of the preparations of comparative anatomy in the museum of Guy's Hospital* (Pyc-Smith) 8, 384, rev.

Subject Index

Anatomy, comparative, (cont.)

- Functional anatomy of vertebrates* (Quiring) 1950. 85, 303-4, rev.
- Comparative anatomy of vertebrates: an outline of a laboratory course* (Rand) 1931. 66, 674, rev.
- The vertebrate body* (Romer) 1949, 84, 399, rev.
- dental, Dental anatomy* (Diamond) 1952. 88, 264-5, rev.
- Introduction to dental anatomy* (Scott & Symons) 1952. 88, 110, rev.
- Anatomy for dental students* (Six Teachers, ed. by Stibbe) 1934. 69, 397, rev.
- Anatomy for dental students* (Keene & Whillis) 1950. 85, 299-300, rev.
- see also Dentistry, Dentition, Teeth, etc.
- descriptive, at Anatomische Gesellschaft*, 33, 213-14, abs.
- functional, Gesammelte Abhandlungen zur Funktionellen Anatomie des Bewegungsapparates* (Pauwels) 1965. 100, 207-8, rev.
- An introduction to functional anatomy* (Sinclair) 1957. 92, 489, rev.; 2nd ed. 1961. 96, 132, rev.
- Functional mammalian anatomy* (with special reference to the cat) (Taylor & Weber) 1951. 86, 232, rev.
- gynaecological and obstetrical, Gynaecological and obstetrical anatomy* (Smout & Jacoby) 2nd ed. 1948. 83, 44, rev.
- see also individual subject headings
- history, A short history of anatomy* (Hunter) 2nd ed. 1931. 66, 279, rev.
- A history of the teaching of anatomy in Oxford* (Sinclair & Robb-Smith) 1950. 85, 213-14, rev.
- living, Living anatomy. A photographic atlas of muscles in action and surface contours* (Lockhart) 1948. 83, 176-7, rev.
- Anatomy in the living model* (Waterston) 1931. 65, 558, rev.
- microscopical, Histologie und mikroskopische Anatomie des Menschen* (Bargmann) 4th revised ed. 1962. 97, 135, rev.
- Handbuch der mikroskopischen Anatomie des Menschen*, Band IV. *Nervensystem*, 2. Teil (Schaltenbrand & Dorn) 1955. 9, 159-60, rev.; (von Möllendorff) Band III, Teil 3, 1957 (Horstman & Dabelow); Band IV, Teil 5, 1957 (Stöhr). 92, 490, rev.; (von Möllendorff) Band IV, Teil 3 and Teil 8, 1958, 93, 556, rev.
- The microscopic anatomy of vertebrates* (Scott & Kendall) 1935. 70, 322, rev.
- Atlas der normalen Histologie und mikroskopischen Anatomie des Menschen* (von Herrath & Abramow) 1950. 85, 406-7, rev.
- neurological, see Neuroanatomy*
- for nurses, Applied anatomy for nurses* (Bocock & Wheeler) 1951. 86, 80, rev.
- Basic physiology and anatomy* (Chafee & Gresheimer) 1964. 99, 674-5, rev.
- paediatric, Handbuch der Anatomie des Kindes* (Peter, Wetzel & Heiderich) 2nd vol., part I, 1927. 63, 147, rev.; 1st vol., part I, 1928. 63, 393-4, rev.; 1st vol., part II, 1928. 63, 498-9, rev.; 2nd vol., part II, 1929. 64, 536, rev.; part III, 1931. 67, 488, rev.; 1st vol. part IV, 1936. 72, 638-9, rev.; 2nd vol. part V, 1938. 72, 638-9, rev.
- pathological, Taschenbuch der pathologischen Anatomie* (von Gierke) 10th ed. 1929, 2 vols. 64, 104, rev.
- physiological, The physiological anatomy and physiology of man* (Todd, Bowman & Beale) new ed. by Beale, part I, 1866. 1, 142-5, rev.

- primate, Anatomy of the primates. The anatomy of the rhesus monkey* (Macaca mulatta) by nineteen authors, edited by C. G. Hartman & W. L. Straus, 1933. 68, 574-5, rev.
- proctologic, Proctologic anatomy* (Gorsch) 1955. 90, 459, rev.
- progress, Jahresberichte über die Fortschritte der Anatomie und Physiologie* (Hofmann & Schwalbe) 10, 436, rev.
- of rabbit, Practical anatomy of the rabbit* (Bensley, revised & edited by Craigie) 1938. 73, 503, rev.
- Die Anatomie des Kaninchens* (Krause) 1868. 2, 386, rev.
- of rat, Anatomy of the rat* (Greene) 1955. 90, 457-8, rev.
- regional, Illustrations of regional anatomy*, in five sections (Jamieson) 1934. 69, 296, rev.; (Jamieson) sections VI, VII, VIII, 1936. 71, 317, rev.; 7th ed. in VII parts, 1947. 81, 367, rev.; Sections I-V, 1937. 72, 642, rev.
- A synopsis of regional anatomy* (Johnston) 2nd ed. 1928. 63, 391-2, rev.; 3rd ed. 1934. 69, 295, rev.; 4th ed. 1939. 74, 144, rev.
- Short manual of regional anatomy* (Keen) 1937. 72, 642, rev.
- A synopsis of regional anatomy*, part I. *Upper and lower limbs* (Walmsley) 2nd ed. 1934. 69, 295, rev.
- skeletal, The anatomy of the human skeleton* (Frazer) 3rd ed. 1933. 68, 123, rev.; 4th ed. 1940. 74, 412, rev.
- surface, Surface and radiological anatomy* (Appleton, Hamilton & Tchaperoff) 1938. 72, 468, rev.
- The growth of the surface area of the human body* (Boyd) 1935. 70, 586, rev.
- Surface anatomy* (Jamieson & Robinson) 1928. 63, 499, rev.
- surgical, Surgical anatomy of the head and neck* (Barnhill) 1937. 73, 198, rev.
- A manual of surgical anatomy* (Beesly & Johnston) 4th ed. 1930. 65, 404-5, rev.
- The surgical anatomy of the bronchovascular segments* (Bloomer, Liebow & Hales) 1960. 95, 144, rev.
- Manual of surgical anatomy* (Bruce et al.) 1964. 100, 209, rev.
- Callander's Surgical anatomy* (revised by Anson & Maddock) 3rd ed. 1952. 87, 90, rev.
- Surgical anatomy of the human body* (Dearer) 2nd ed., 3 vols. 1927. 63, 145, rev.
- A synopsis of surgical anatomy* (McGregor) 1932. 67, 351, rev.; 2nd ed. 1934. 69, 534, rev.; 4th ed. 1939. 74, 146, rev.; 6th ed. 1946. 81, 122, rev.
- Chirurgische Anatomie: Thorax* (Nagy) 1962. 97, 465, rev.
- Roser's Manual of surgical anatomy*, 4th German ed. (Galton, trans.) 1873. 7, 166, rev.
- Die chirurgische Anatomie in ihrer Beziehung zur chirurgischen Diagnostik, Pathologie und Therapie* (Schüller) Heft i, 1885. 20, 548, rev.
- synthetic, Baillière's Synthetic anatomy*, parts I, II and III (Cheesman) 1926. 61, 386, rev.; part V, part VI, 1929. 64, 537, rev.; parts IV, IX, IXa, 1928-9. 65, 281, rev.; parts VII & VIII, 1930. 65, 559, rev.
- systematic, Handbuch der systematischen Anatomie des Menschen* (Henle) 3rd vol., 1st part, 1868. 2, 387-9, rev.; 3rd vol., 2nd division, 1st part, 1871. 6, 432, rev.; 3rd vol., 2nd division, 2nd part, 1873. 8, 157, rev.
- veterinary, The anatomy of the domestic animals* (Sisson, revised by Grossman) 3rd ed. 1938. 73, 349, rev.

Subject Index

Anatomy, veterinary (cont.)

- Anatomy of the dog* (Miller *et al.*) 1964. 99, 405, *rev.*
Strangeways' Veterinary anatomy (edited by Vaughan) 2nd ed. 1879. 14, 271
The anatomy of the sheep (May) 2nd ed. 1964. 99, 185, *rev.*
- Anchovy**, see *Pisces*, British Clupeoid
- Androgens**, effects on epithelium, seminiferous, in immature monkeys (Krohn & Zuckerman) 83, 63, *P.*
 output in growing mouse, and on simultaneous changes in ultrastructure of Leydig cell (Baillie) 97, 643-4, *P.*
- Anemonin**, action on animals (Curci) 11, 570, *rep.*
- Anencephalus holocardiacus** (omphaloangiopagus twin) 1 case (Boulgakow) 61, 68-92
- Anencephaly**, (Gripat) 7, 332, *rep.* (*calif.*); 30, 460, *rep.*; 33, 510, *rep.*; 35, 502, *rep.*; 43, 115, *rep.*
 one case living 3 days, (Arnold) 27, 420-1, *rep.*
 with absent sympathetic nervous system and suprarenal glands (Mulden) 28, 370, *rep.*
 and acardia, 1 case (Corner) 35, iii, *P.*
 in chick embryo, 32, 788, *rep.*
 with cleft face, 35, 502, *rep.*
 with duplicity (Weinberg) 39, 503, *rep.*
 embryo, 1 case (Frazer) 56, 12-19
 at 27 mm. stage (Frazer) 59, 11-12, *S.P.*
 30 mm. stage (Morton) 92, 644, *P.*
 with half embryo below pectoral region, 37, 300, *rep.*
 eye condition (Manz) 5, 380, *rep.*
 foetus, central nervous system (Bulloch) 29, 276-81
 histology of eyes in (Oakden) 44, 370-6
 with three upper and three lower limbs (Parsons) 30, 238-58; 30, ii, *P.*
 with double mandible and symmelia (Taruffi) 27, 421, *rep.*
 vertical sections through (Ballantyne) 26, 516-29
 janiceps and craniorhachischisis, 42, 136, *rep.*
 with multiple abnormalities (Gade) 29, 465, *rep.*
 myology (Windle) 27, 348-53
 nervous system, study (Sternberg & Latzko) 39, 500, *rep.*
 and pseudoencephaly, pathogenesis, 42, 133, *rep.*
 and rhachischisis posterior, with description of human hemicephalus of 18 mm. (Ströer & van der Zwan) 73, 441-50
 spina bifida and encephalocele (Cleland) 17, 257-92
 lumbo-sacral, in 6-week embryo (Bertacchini) 34, 412, *rep.*
 spinal cord, 25, 438
 absence, 1 case (Leonowa) 28, 371, *rep.*
 sternalis muscle in (Shepherd) 19, 311-19 (6 cases); (Harper) 70, 317-20, *anat. not.* (3/6 specimens)
 suprarenal glands (Honan) 64, 194-9
 and symelia, 37, 302, *rep.*
 in twin, and normal calf, 37, 302, *rep.*
 unilateral oblique, in one twin, 35, 502, *rep.*
 see also *Twins*
- Aneurism**, *Ligation of the great arteries in continuity, with observations on the nature and treatment of aneurism* (Ballance & Edwards) 1891. 26, 574-5, *rev.*
 arteries after ligation for, specimen (Clayton-Greene) 44, i, *P.* (*t.o.*)
 cardiac, congenital, 1 case (Patterson) 91, 574, *P.*
 influence of vascular nerves on formation (Lewaschow) 16, 144, *rep.*
 orbital arteriovenous, vascular path of thrombus to (Shaw) 71, 142, *P.*
 torsion, and spontaneous cure, in a sheep (Sharp) 32, 377-9
- Angiogram**, of full-term foetus (Musgrove) 33, 672-3

- Angiography**, *Die Phlebographie der oberen Körperhälfte* (Drewes) 1963. 98, 139, *rev.*
Atlas postmortale Angiogramme (Schoenmackers & Vierten) 1955. 89, 556, *rev.*
 with mercury (Stiles) 32, 83-91; 32, iii, *P.* (*t.o.*)
- Angle**, carrying (Steel & Tomlinson) 92, 315-17; 91, 604, *P.*; further observations, 92, 634, *P.*
 in female (Potter) 29, 488-91
 of neck of femur, variation with age and disease (Humphry) 23, 273-82; 23, 387-9; 23, viii, *P.*
- Angus**, burial customs (Boyd *et al.*) 99, 211, *P.* (*dem.*)
- Ani urethralis**, atresia, 33, 520, *rep.*
- Aniline**, bone sections stained by (Ranvier) 9, 388, *rep.*
 substitution compounds of (Jolyet & Cahours) 3, 228, *rep.*
- Animal electricity**, (Reymond) 2, 417, *rep.*
- Animal heat** (Pouchet, Davy) 1, 162-3; (Horvath) 5, 218, *rep.*; (Bernard) 7, 358, *rep.*
 formation and regulation (Murri) 8, 428, *rep.*
 physiology (Horvath) 7, 358, *rep.*
 see also *Temperature*, *Hypothermia*
- Animals**, *Forms of animal life* (Rolleston) 1870. 4, 290-3, *rev.*
 domestic, *The anatomy of the domestic animals* (Sisson, revised by Grossman) 3rd ed. 1938. 73, 349, *rev.*
 intermediate between birds and reptiles (Huxley) 3, 206, *rep.*
 wild, vitality after wounding by shot (Curran) 20, 596-603 (*black buck, tiger, leopard*)
- Ankle joint**, see *Joints*, ankle
- Ankylosis**, bilateral congenital osseous, 44, 106, *rep.*
 effect on internal structure of bones (Meyer) 48, 138
 symmetrical, finger joints, 43, 123, *rep.*
- Annelida**, blood-corpuscles of (Rolleston) 12, 401-18
 muscles (Quatrefages) 4, 154, *rep.*
 notes on (Kinberg) 4, 163, *rep.*
 oligo-chaetous, organisation (Lankester) 5, 387, *rep.*
 structure (M'Intosh) 4, 308, *rep.*
 see also *Chaetopoda*, *Eudrilus*, *Nemerteans*
- Annual of the universal medical sciences, a yearly report of the progress of general sanitary sciences throughout the world** (ed. Sajous) 1891. 26, 276, *rev.*
- Annulata** (Kinberg) 4, 332, *n.*
- Annulus ovalis**, development, 'septum accessorium' (Christie) 97, 45-54
- Annulus tympanicus**, see *Os ectotympanicum*
- Anodon**, inhibition of heart in (Foster) 7, 184, *rep.*
 kidney (Hartog) 13, 400; additional note (Hartog) 13, 578
 see also *Mollusca*
- Anodonta cygnea** (freshwater mussel) tumour in (Williams) 24, 307-8; (Collinge) 25, 154 (2 cases)
- Anolis** (a microstatic lizard) olfactory apparatus and telencephalon (Armstrong, Gamble & Goldby) 87, 288-307; 87, 442-3, *P.*
- Anophthalmia**, 32, 788, *rep.*
 congenital, 6 cases (van Duyse) 34, 418, *rep.*; rat, 43, 118, *rep.*
 with appendage of cheek (Campbell) 39, 504, *rep.*
 bilateral (Hanke, Grossman) 39, 503, *rep.*
 in guinea-pigs (Guinard) 27, 418-19, *rep.*
 and microphthalmia, 38, 366, *rep.*
 and optic atrophy, brain changes in (von Leonowa) 28, 374-5, *rep.*; 28, 380, 381, *rev.*
 and optic system in the chick embryo (Collister) 91, 568, *P.*
 unilateral, paths, visual in (Rogalski) 80, 153-9
- Anoxia**, effect of bone marrow (Batten *et al.*) 88, 576, *P.*
 and renal shunt mechanisms (Franklin) 84, 63, *P.*

Subject Index

- Ansa spiralis**, of colon, sheep, arrangement (Smith) 89, 246-9; ox (Smith & Meadows) 90, 523-6
- Ant-bear**, see *Myrmecophaga jubata*
- Anteater**, see *Manis javanica*, *Myrmecobius*, *Orycteropus capensis*, Pangolin, *Tamandua*
giant, see *Myrmecophaga jubata*
two-toed, see *Cyclothorus didactylus*
- Antelope**, African, see *Ourebia ourebi* (Zimmerman)
- Antenatal pathology and hygiene** (Ballantyne) 2 vols. 1902-4. 39, 501, rev.
- Antenna**, of lobster, regeneration of feeler (Howes) 16, 47-9
- Anterocapera**, anatomy (Murie) 5, 382, rep.
- Anthrax**, effect on lymph glands, rat (Lasnitzki & Woodhouse) 78, 121-9
- Anthrax**, experimental cross-infection of rabbits from horses (Toussaint) 13, 263-4, abs.
- in fowls (Pasteur, Joubert & Chamberlaud) 13, 264, abs.
- Anthropology**, *Dental Anthropology. Symposia of the Society for the Study of Human Biology*. Vol. v, 1963 (edited by Brothwell) 98, 139, rev.
- Morphology and anthropology* (Duckworth) 1904. 39, 369-70, rev.; *Studies from the Anthropological Laboratory, The Anatomy School, Cambridge* (Duckworth) 1904. 39, 370, rev.
- Beitrage zur physischen Anthropologie der Aino, part I, Untersuchungen am Skelet* (Koganei) 1893. 28, 385-6, rev.
- Die Weddas von Ceylon, und die sie umgebenden völkerschaften, ein versuch, die in der Phylogenie des Menschen ruhenden Räthesel der Lösung naher zu bringen* (Sarasin & Sarasin) 1893. 29, 140-1, rev.
- Revue d'Anthropologie* (edited by Topinard) 3rd series, 1886. 20, 546, rev.
- Pratique anthropologique* (Olivier) 1960. 94, 570, rev.
- Cambridge Museum, notes (Duckworth) 34, xxxiv-xlv, P., July 1899
- chemical, *Chemical anthropology: a new approach to growth in children* (Macy & Kelly) 1957. 93, 137, rev.
- collection in Museum of Anatomy, Sheffield University (Patten) 40, iii, P. (t.o.)
- New Guinea and Borneo, demonstration (Haddon) 34, xxxiii-iv, P., July 1899
- physical, *Grundzüge einer Konstitutionsanatomie* (Brandt) 1931. 67, 489, rev.
- An introduction to physical anthropology* (Stibbe) 1930. 65, 155-6, rev.; 2nd ed. 1938. 72, 636-7, rev.
- diameters of pelvic index as basis of classification (Turner) 20, 125-43
- of Fuegians (Martin) in *Arch. für Anthropologie* Bd. xxii, Heft 3, 1893. 29, 141, 144, rev.
- skull and 2 masks from New Ireland and New Britain (islands near New Guinea) (Turner) 14, 475-94
- Surgeon Williamson, life and work (Thomson) 43, vi, P. (March 1908) (t.o.)
- Anthropometry**, *The tribes and castes of Bengal* (Risley) 26, 277-8, rev.
- 824 Aberdeen students (Reid) 46, 1-10
- Anthropopithecus troglodytes*, see *Pan troglodytes*
- Antibodies**, *Antibodies and embryos* (Brambell, Hemmings & Henderson) 1951. 86, 470-1, rev.
- Antigens**, of cartilage, and of skin, relationship, rabbit (Craigmyle) 91, 581, P.
- tissue, in nodes, lymphatic, draining homografts of bone (Burwell & Millard) 79, 147, P. (rabbit)
- Antelope cervicapra* (blackbuck) placenta (Griffiths & Amoroso) 73, 672, P. (t.o.)
- Antimony**, salts in blood and bile after poisoning by (Feltz & Ritter) 11, 565, rep. (dog)
- Antimycin A**, inhibitory action, chick embryo (McKenzie & Ebert) 94, 283, P.
- Antipyrine**, effect on development of chick, 36, 296, rep.
- Antiseptics**, action on infusions (Binz) 2, 187, rep.
- healing of wounds under dressing of (Foulis) 14, 456-60
- Antlers**, of roe-deer (Turner) 27, ii, P.
- Antostab**, see Stimulation, gonadotropic
- Antrum**, of Highmore, see Sinus, paranasal, maxillary mastoid (Cheate) 31, xxxiv, P.
- maxillary, see Sinus paranasal, maxillary
- tympanic (Cheate) 31, xxxiv, P.
- Anura**, carotid labyrinth in (Carman) 98, 490, P.A.S.A.N.Z.
- developing, effects of de-afferentation of limb ganglia (Hughes) 99, 924-5, P.
- labelling of larval neurones by melanin of ovarian origin (Hughes) 97, 217-24
- embryos, duct, pronephric, development, experimental studies (Tung & Kü) 78, 52-7
- Anus**, *malformations congenital, Congenital malformations of the rectum, anus and genito-urinary tracts* (Stephens) 1963. 98, 281, rev.
- (Bate) 39, 505-6, rep.
- absence, and anus, imperforate, 2 sibs, 38, 368 rep.
- development failure, and vulva, with uterus didelphys (Hewetson) 39, 506, rep.
- double, in boy and hen (de Lima) 61, 503-4, P.
- imperforate (Griffith) 34, xxxiii (1 case); 1 case (Dulake) 59, 63, S.P.
- and anus, absence, 2 sibs, 38, 368, rep.
- with atresia of large intestine, 38, 368, rep.
- with congenital malformations of intestinal canal (Wakeley) 57, 216-20
- with external hermaphroditism, 37, 307, rep.
- and of rectum (Palmer) 20, 354-6, anat. not. (female twin)
- mucosa, resection results, mice (O'Connor) 90, 570, P.
- and rectum (Syrnington) 23, 106-15; (Wilde) 81, 396-7; 81, 404, P. (dem.)
- small pile-like tumour, 3 cases, 43, 121, rep.
- vestibularis, 37, 307, rep.
- vulvalis (Dwight) 30, 461, rep.
- Aonyx leptonyx*, myology of (Macalister) 9, 405, rep.
- Aorta**, abdominal, aneurism, cured by pressure (Murray) 5, 314-18
- axial rotation, and abnormalities of branches (Tyrie) 28, 281-7 (1 case)
- bifurcation level (Collective investigation) 29, 58-60
- branches, variations (Struthers) 27, iv-vi, P.
- visceral, unpaired, topography (George) 69, 196-205
- circulation, collateral, morphology following complete interruption, rat (Braithwaite) 88, 204-11; 87, 454-5, P.
- arch**, branches, arrangement, mammalian (Parsons) 36, 389-99
- development, form at different stages, rat embryos (Moffat) 92, 643, P.
- organ cultures, effect of certain steroids, related to cholesterol (MacDougall et al.) 99, 211-12, P. (dem.) (rabbit)
- patterns, see Patterns
- relations to spinal column (Wood) 3, 1-13
- transformation of, vertebrates (Sabatier) 8, 388, rep.
- variations (Pye-Smith, Howse & Davies-Colley) 5, 377-8, rep.

Subject Index

- Aorta, arch, variations** (*cont.*)
demonstration (Collins) 22, vi, *P.*
in branches (Embleton) 6, 217; 1 case (Shepherd) 24, 69-71; 500 cases (Collective Investigation) 27, 189-92
bronchial artery, right, arising from (Hepburn) 30, 580
double, 1 case (Curnow) 10, 450, *rep.*; 1 case (Lockhart) 64, 189-93; 64, 124, *P.*; 1 case (Watson) 11, 229-34; (Lewis & Parry) 81, 397, *P.*
left, branches, 1 case (Abbot) 26, xv, *P.*
rare (Taylor-Grell) 36, 288-9
right (Stibbe) 63, 162, *P.* (*t.o.*); (Annan) 44, 241-3; (Bochdalek & Turner) 2, 397, *rep.*; 1 case (Abbot) 26, xiii-xv; 3 cases (Reid) 48, 174-81
retrotracheal, 1 case (Lockwood & Withers) 24, iv-v, *P.*
and true congenital diverticulum of the trachea in same subject (Stibbe) 64, 62-6
with persistent left aorta root giving rise to left subclavian, 25, vi-vii, *P.*
and persistent left superior vena cava (Hurley & Coates) 61, 333-9 (1 subject)
ascending, variations, anomalous pulmonary fistula (Fraentzel) 3, 204, *rep.*
dilatation, congenital, 37, 306-7, *rep.*
bifurcation, abnormal, 1 case (Boyd) 71, 417-18 (1 subject)
co-arcuation of, 1 case (Curnow) 22, xviii, *P.*
co-arcuation and 'subclavian shelf' (Moffat) 94, 574, *P.* (*rat*)
development of (Tonge) 3, 200-1, *rep.*
embryonic elastogenesis, electron microscopy, mouse (Fyfe & Gillman) 98, 682, *P.*
posterior end and iliac artery, development and morphology in mammals (Young & Robinson) 32, 605-7, *abs.*
segments, dependence of blood supply of the spinal cord on (Torr) 91, 612, *P.*
structure of muscular coat (von Ebner) 5, 194, *rep.*
nerves, sympathetic (Tebbs) 32, 308-11
transposition, *see* Aorta, variations
variations, arising from right ventricle, 1 case (de Renzi) 23, xxiii-xxiv, *P.*
congenital defects, 32, 791, *rep.*
right, joined by pulmonary artery and other anomalies (Lane) 21, 97-100 (1 case)
situated in front of pulmonary artery (Walmsley) 65, 172-3, *P.*
opening, bicuspid (Drury) 33, 354 (*ref. only*)
transposition, aorta and pulmonary (7-month-old infant) (Ashby) 16, 90-3
with congenital malformation of heart, 1 case (Sanders) 27, 464-73
with defects of septa (Griffiths) 29, xiv-xvii; discussion on, with relation to hearts of *Sauropsida* (Howes) 29, xvii-xviii, *P.*
with defect of ventricular septum (Thiele) 36, xli, *P.*
stenosis, congenital, 1 case, 37, 307, *rep.*
see also Vessels, great
Apaches, skull (Shufeldt) 21, 525-35
Aperture, ileo-caecal, *see* Orifice, ileo-caecal
lateral, of myelencephalon of the brain, demonstration (Gladstone) 59, 114, *S.P.*
median, of myelencephalon (Rogers & West) 65, 456-67; 66, 132, *P.*; (Gladstone) 59, 114, *S.P.*
development (Waterston) 59, 67, *S.P.*
origin (Wilson) 71, 423-8; 69, 140, *P.* (*t.o.*)
nasal, animals and man (Negus & Crichtlow) 92, 648, *P.*
anterior (Macalister) 32, 223-30 (*comparative anthropology*); 32, xxxi-ii, *P.*
posterior (Allis) 66, 649-58 (*vertebrates*)
orbital, *see* Opening, orbital
Apes, *The morphology and evolution of apes and man* (Sonntag) 1924, 59, 224, *rev.*
Die Morphologie des Stirnlappes der Insel der Anthropomorphen (Marchand) 1893, 27, 564, *rev.*
femoral artery (Brown) 15, 523-35
anthropoid (Hartmann) 7, 171, *rep.*
Bibliographie der Menschenaffen (Schimpanse, Orang, Gorilla) (Voss) 1955, 90, 159, *rev.*
anatomy (Beddard) 30, 312-13, *rev.*; (Hartmann) 7, 334, *rep.*
auricle of ear, congenital malformation, 37, 306, *rep.*
emissary foramina, and in man (Boyd) 65, 108-21
fossil, *Die neueste Litteratur über die ausgestorbenen Anthropomorphen* (Schlosser) 1900, 35, 271-3, *rev.*
fractures, spontaneous repair (Duckworth) 46, 81-5
in Hamburger Museum (Pansch & Bolau) 13, 266 (*t.o.*); comment by Turner, 13, 277
insula (Cunningham) 32, 11-22; 31, i-ii, *P.*
muscles and nerves of upper and lower limbs of (Hepburn) part I, upper limb, 26, 149-86; part II, lower limb, 26, 324-56
muscles of pollex and hallux of, with special reference to opponens hallucis (Brooks) 22, 78-95; discussion, 22, ii-iii, *P.*
nose, external (Dixon) 59, 67-9, *S.P.*
pars intermedia of hypophysis cerebri (Plaut) 70, 242-9
plexus, brachial (Harris) 39, iv, *P.*
sinuses, paranasal (Cave & Haines) 74, 493-523; 74, 558, *P.* (*disc.*)
skin creases of, and man, on palms and soles (Hepburn) 27, 112-30
variations in bone and cartilage of lumbar region, compared with various races of man and monkeys (Cunningham) 24, 117-26
see also individual species; *Pan*; *Pongo*; *Monkeys*
Bornean, some observations on (Murie) 7, 335, *rep.*
cerebral convolutions (von Bischoff) 13, 266 (*t.o.*); comment by Turner, 13, 277; (Meynert) 13, 267 (*t.o.*); comment by Turner, 13, 273
Aphakia, apparent accommodation in (no author given) 9, 219, *rep.*
bilateral, 11 mm. human embryo (Mann) 59, 7, *S.P.*
Aphasia, *Aphasia, or loss of speech, and the localisation of the faculty of articulate language* (Bateman) 2nd ed. 1890, 24, 614, *rev.*
Aphasia in children (Ewing) 1930, 65, 279-80, *rev.*
cerebral cause, 1, 157, *rep.*
motor, with deafness, description of brain in 1 case (Windle) 21, 79-83
Aphides, reproduction of (Classarede) 1, 368, *abs.*; (Balbiani) 4, 162, *rep.*; (Balbiani) 5, 196, *rep.*
Apnoea, analysis of blood gases in (Ewald) 8, 204, *rep.*
effect of CO₂ upon (Filehne) 8, 409, *rep.* (*guinea-pig*)
physiology (Czermak) 1, 155-6, *rep.*
Apomorphia (Matthiessen, *et al.*) 4, 166, *rep.*
action (Quehl) 8, 223-4, *rep.* (*dog*)
emetic effects (Siebert) 7, 194-5, *rep.* (*dog, man*)
Apomorphine, action (David) 9, 450, *rep.*; (Harnack) 9, 448-50, *rep.* (*frog, mammal*)
Aponeurosis, epicranial, dissections, 2 cases, with a note on post-coronal sulcus (Blair) 56, 44-7
palmar, distribution in relation to Dupuytren's contracture of the thumb (Harper) 69, 193-5
plantar (Hicks) 88, 25-30
function (Hicks) 85, 414-15, *P.*

Subject Index

- Apparatus**, auditory, from foetus, 48 mm. C.R. length, from woman with two deaf-mute children (Morton) 93, 565-6, P.
of Heteromyidae (Rodentia, Sciuromorpha) (Pye) 99, 161-74
Golgi, nature (Gatenby) 61, 497, P. (t.o.)
in relation to secretion (Ludford) 61, 497, P.; (Ludford) 61, 515, P. (dem.)
juxtaglomerular, see Complex, juxtaglomerular
lacrimal, in squamata (Bellairs & Boyd) 80, 224, P.
olfactory, of *Anolis* (a microsmatic lizard) and telen- cephalon (Armstrong, Gamble & Goldby) 87, 288-307; 87, 442-3, P.
optic, vertebrate, from study of ammocoetes (Gaskell) 35, 224-67; 35, iv-vi, P.
vasomotor, *Leçons sur l'Appareil vaso-moteur* (Vulpian) 1875, 9, 450, rep. (notice)
- Appendages**, cervical, goat, pig, dog, 32, 789, rep.
cranial, and wattles of *Cerionis satyra* (horned trago- pan) (Murie) 7, 337, rep.
preauricular, 30, 469, rep.
prosomata, evidence given by course of trigeminal nerve in ammocoetes, origin of vertebrates from study of ammocoetes, part VII (Gaskell) 34, 537-61; 34, xxvi, P. (November 1899)
- Appendix(ces)**, epiploicæ and pericolic membranes (Reid) 49, 274-85
vermiformis, 37, 308, rep.
abnormal, rabbit (Hewitt) 40, 407-8
congenital, 36, 368, rep.; 2 cases (Gladstone) 49, 414-17; (Piquard) 35, 123 (ref. only)
age changes (Berry & Lack) 40, 247-56; 40, iv-v, P.
anatomy, comparative and microscopical (Berry) 35, 83-100
Om appendicit (Lennander) in *Nord. med. Ark.*, Band III, 1893, 28, 384-5, rev.
350 autopsies (Fawcett & Blachford) 34, xx-xxv, P. (February 1900)
and caecum, in 100 subjects (Martin) 33, ix (t.o.)
nature (Keith) 38, vii-xx, P. (comparative study)
transposition, 43, 122, rep.
diverticulum (Walmaley) 64, 47-9; 64, 119-20, P.
congenital (Hedinger) 39, 507, rep.
duplex (Cave) 70, 283-92 (comparative)
effects of large doses of cortisone on (Field) 90, 428-39 (rabbit)
length, abnormal, 2 cases (Eccles) 34, xxiv-v, P.
7.5 mm. (Scott) 43, i, P. (March 1907) (t.o.)
220 consecutive post-mortem examinations (Mac- phail) 51, 308
lymphatics (Lockwood) 34, ix-xiii, P. (November 1899)
The pathology of the vermiform appendix (Kelynack) 1893, 28, 384, rev.
peritoneal folds (Jones) 46, 239-43
piercing its own mesentery (Rolleston) 32, 64-6
in a macaque monkey (Cooper) 71, 141, P.
position, 100 cases (Lockwood & Rolleston) 25, P. xviii, P.
abnormal, 1 case (Aasar) 72, 579-83
relative frequency (Wakeley & Gladstone) 63, 157, P.
10,000 cases (Wakeley) 67, 277-83; 67, 207, P.
in relation to retroperitoneal hernia and caecal recesses (Lockwood & Rolleston) 26, 130-48
retrocaecal and retrocolic (Trevor) 36, xlii-xliv, P.
retrocolic and retroperitoneal (Dixon) 31, 442-5 (1 case)
small (Scott) 42, 347, (anat. not.)
terminal, with conical caecum (Fawcett) 29, 498-500
auricular, see Auricle
- Appointments**, of members of the Anatomical Society, 63, 148
Chairs, anatomy, zoology, natural history, social biology, 65, 401
J. C. Brash, Chair of Anatomy, Birmingham, 56, 390; University of Edinburgh, 65, 550
Dr H. A. Harris to Chair of Clinical Anatomy, University College: Dr R. D. Lockhart to Chair of Anatomy, University of Birmingham, 66, 271
R. G. Inkster to Chair of Anatomy, University of Manitoba, 66, 125
Apteryx australis (New Zealand kiwi), heart (Adams) 73, 668, P.
hemispheres, cerebral (Craigie) 69, 380-93
cell masses (Durward) 66, 437-77
Arachnida, see Araneida
Aran Islands (Co. Galway), Craniology of inhabitants (Haddon) in *Proc. R. Irish Acad.*, December 12 1892, 29, 141, 142, rev.
ethnography (Haddon & Browne) in *Proc. R. Irish Acad.*, December 12 1892, 29, 141, 142, rev.
Araneida, copulation (Gedge) 1, 371-2
Araneina, embryology (Balbiani) 8, 170, rep.
Arcella vulgaris, gas in protoplasm (Engelmann) 4, 191-5, n.
Arch(es), aortic, see Aorta
arterial, and veins, great in foetal marsupial (Broom) 32, 477-83
congenital defect, Gorilla (Cave) 85, 408, P.
posterior, notch (Wright) 39, vii, P.
axillary (achselbogen) nerve-supply (Wilson) 47, 8-17
muscular, nerve-supply, of axillary muscular arches (Wilson) 24, 52-60 (6 cases)
branchial, see Arches, visceral
carpus, see Carpus
costal (Addison) 38, xxxi-xxxvi, P.
dorsal, of thoracic vertebrae, bony spurs arising from (Shore) 65, 379-87 (Bantu)
foot (Hicks) 88, 25-30
mobility (Lockhart) 92, 666-7, P.
muscular control, standing (Smith) 88, 152-63
secondary (Bradley) 10, 430-2
innominate-subclavian, nerve-supply afferent, in human embryo and foetus (Boyd) 84, 67, P.
mandibular, defective development and inheritance of congenital defects (Gladstone & Wakeley) 57, 149-67
and fistulae, congenital, of lower lip (Warbrick) 85, 421, P.
and premandibular, comparison between the polar and trabecular cartilages of vertebrate embryos and pharyngeal elements of (Allis) 58, 37-51
neural, ossification (Mutch) 88, 582-3, P.
plantar, construction of, and flat-foot (Humphry) 21, 155-62, anat. not.
pterygo-quadrate, development in *Lacertilia* (Broom) 37, 107-11
pulmonary arterial, right, and its nerve supply, 18 embryos (Navaratnam) 97, 569-73
sub-axial (Callender) 5, 376, rep.
vascular, in sharks (Hyrtl) 7, 338, rep.
visceral, abnormalities (Sutton) 21, 289-98; 1 case (Paget) 97, 144, P.
derivatives in *Lacerta* (Adams) 74, 139 (t.o.)
first, abnormalities, embryology (McKenzie) 92, 622-3, P.
muscles related to, *Raia clavata* (Allis) 52, 383-411
nerve supply (Boyd) 71, 157-8, P.
in *Vipera berus* (Boyd) 76, 248-57

- Arch(es), visceral, nerve supply** (*cont.*)
 cartilages, origin from neural crest (De Beer) 73, 671, P.
 second, and groove in the tubo-tympanic region (Frazer) 48, 391-408
 sixth vestigial *Heterodontidae* (Hawkes) 40, 81-4
 skeleton, of *Amia calva* (Bridge) 11, 605-22
zygomatic, supernumerary bones in (Gruber) 8, 386, *rep.*; 9, 190, *rep.*
- Archaeologia Anatomica**, The oldest anatomical memoranda extant (Ebers papyrus) 32, 775-8
 Atlas and Epistropheus, 33, 204-9
 John Halle: a sixteenth-century anatomist by E. Barclay Smith, 34, 275-82
 Hilum (Macalister) 37, 293-7
 The parotid, 35, 117-20
 Trochanter, 35, 269-70
 The veins of the forearm (Macalister) 33, 343-9
 Poupart's ligament, 33, 493-7
 Tendo Achilles, 33, 676-8
- Archaeopteryx lithographica*, see *Aves*
- Architectonics**, *Die Architectonik des Stirnhirns* (Santander) 1962. 97, 465, *rev.*
- Arctitis binturong* (civet) anatomy of (Garrod) 8, 176, *rep.*
- Arctocephalus*, cranium (Turner) 3, 113-17
Arctocephalus cinerius (New Zealand sea bear) observations on (Gray) 7, 335, *rep.*
Arctocephalus fosteri, skull (Hector) 6, 446, *rep.*
Arctocephalus hookeri, notes on (Burmeister) 6, 446, *rep.*
- Arctoids**, joints, atlanto-occipital in (Anderson) 36, 368-71
- Arctomys monax* (marmot) taste organs of (Tuckerman) 25, 505-8
- Area(s), auditory, of cerebral cortex**, location, by comparing positions of temporal lesions, cat (Waller) 74, 528-36
Phoca vitulina (Alderson, Diamantopoulos & Downman) 94, 506-11
- of cortex, cerebral**, devascularization producing cortical lesions (Sunderland) 73, 120-9 (*macaque*)
 of Lesser Bush Baby (*Galago senegalensis senegalensis*) (Kanagasuntheram *et al.*) 100, 317-33
 relationship to cerebral sulci (Elliot Smith) 41, 237-54
 efferents from, localised in internal capsule and corpus callosum (Glees) 83, 76, P.
 degeneration, corticofugal, following thermo-coagulation, in *Macaca mulatta* (Verhaart & Kennard) 74, 239-54
 13 and 14, cytoarchitectonics of boundaries (Beck) 83, 147-57
- motor, of cerebral cortex**, and its connexions in phalanger, *Tricosurus vulpecula* (Goldby) 74, 12-33
 in *Galago* and *Perodicticus* (lemurs) (Zuckerman & Fulton) 75, 447-56
 hemiplegia after injury to (Coats) 13, 104-8
 lamination (Lewis & Clarke) 13, 267 (*t.o.*); comment by Turner, 13, 279
 and pyramidal tract, *Echidna aculeata* (Goldby) 73, 509-24
- irregular**, estimations, technique (Mainland) 63, 345-51
- oculogyric**, frontal, *L'aire oculogyre frontale du singe* (Brucher) 1964. 99, 186, *rev.*
- opaca**, arrested development, in chick, 35, 499, *rep.*
- postrema**, and calamus scriptorius (Wilson) part I, 40, 210-36; part II, 40, 357-86; 40, vi, viii, P. (*t.o.*)
- pyriform**, anterior and 'lobule désert' of *Phocaena phocaena* (Breathnach) 86, 494, P.; 87, 96-113
- sensory**, of inner ear, ganglion cells associated with (Weston) 73, 263-88 (*vertebrate*)
- suppression**, of brain, see *Connexions, cortico-striate*
- vasculosa**, embryo chick, I. first differentiation of vitelline artery (Hughes) 70, 76-122; 70, 193, P. (*t.o.*); II. influence of the circulation on the diameter of the vessels (Hughes) 72, 1-17; 72, 150, P.
- vasomotor**, of the cerebral cortex (Eulenberg & Landois) 11, 184-5, *rep.* (*dog*)
- visual**, of cerebral cortex (Le Gros Clark) 59, 350-7; 76, 369-76 (*macaca*)
 axons and dendrites in, patterns, cat (Colonnier) 97, 152, P.
 results of extirpation (Hitzig) 9, 209-10, *rep.* (*expt.*)
 fibre, association system of, and central representation of retina (Le Gros Clark) 75, 225-35 (*monkey*)
 Meynert cells of (Le Gros Clark) 77, 116, P.
 folding, and significance of cerebral sulci (Elliott Smith) 41, 198-207; 41, iii, P. (June 1906)
 organization, cat (Sholl) 89, 33-46; 86, 478-9, P.
 postnatal changes in packing density of neurons in, quantitative (Haddara) 90, 494-501 (*mouse*)
 sections (Le Gros Clark) 59, 105, S.P. (*dem.*)
 structural changes, isolated (Le Gros Clark & Sunderland) 73, 563-74 (*monkey*); 73, 672, P. (*disc.*)
 tangential organization (Colonnier) 98, 327-44 (*cat, rat, monkey*)
 see also *System(s) visual*
- Areolar tissues**, see *Tissues, areolar*
- Argentaffin**, and argentophil cells, in primary explant cultures (Schofield & Southwell) 98, 486, P.A.S.A.N.Z. (*chick, mouse, rat embryos*)
- Arhinencephaly**, and multiple congenital abnormalities, full-term human foetus (Morton) 80, 245, P.
- Arius Boakei*, mode of gestation (Turner) 1, 78-82
- Arm**, see *Limb, upper*
- Armadillo**, blastocyst, structure (Enders) 96, 39-48
 hairy, see *Dasybus villosus*
 nine-banded, see *Dasybus novemcinctus*
 six-banded, see *Euphractus*
 three-banded, see *Tolypeutis conurus*
- Arrays**, receptor, sensory, bill, snout, muzzle (Quilliam & Armstrong) 97, 299-300, P. (*mole, duck, platypus*)
- Arsenic**, action (Cunze) 1, 361, *rep.*; (Schäfer & Boehm) 8, 218, *rep.* (*dog*)
 physiological (Lolliot) 3, 471, *rep.*
 influence on nitrogen excretion (von Boeck) 8, 218, *rep.*
 salts, appearance in blood and bile in poisoning by (Feltz & Ritter) 11, 565, *rep.* (*dog*)
- Art**, *A text-book on the artistic anatomy of the human form* (Parkes) 1923. 64, 535, *rev.*
Human anatomy for art students (Tresilian & Williams) 1961. 96, 303, *rev.*
- Arteries, general**
Das Arteriensystem der Japaner (Adachi) Banden I and II, 1928. 66, 434-5, *rev.*
 blood-pressure in (Fick) 8, 402, *rep.*
 congestion, after ligation (Brown-Séquard) 5, 213-14, *rep.*
 innervation (Holmgren) 3, 251, *n.*
 irregularities in an idiot, and of muscles (Carver) 3, 257-61
 Ligation of the great arteries in continuity, with observations on the nature and treatment of aneurism (Ballance & Edwards) 1891. 26, 574-5, *rev.*

Subject Index

Arteries, general (cont.)

- main, histogenesis, chick embryo (Hughes) 77, 266-87
- of narwhal (Wilson) 8, 176, *rep.*
- nerve supply (Coates) 66, 499-507
- patterns, *see* Patterns
- objections to the theory of peristaltic action (Mason) 9, 416, *rep.*
- 'polypoid formations' (Moffat) 89, 560, P.
- size, and capillary bed, relation, embryo, pig (Wool-lard & Harpman) 72, 18-21
- torsion (Humphry) 3, 13
- variations in (Bankart, Pye-Smith & Phillips) 3, 452, *rep.*; (Pye-Smith, Howse & Davies-Colley) 5, 377-8, *rep.*; (Davies-Colley, Taylor & Dalton) 7, 331, *rep.*; 2 specimens (Robbins) 61, 490, P. (t.o.)
- see also* variations under names of arteries
- Arteries of organs and regions**
- of bladder, urinary (Braithwaite) 85, 413, P.
- of bone-marrow, thick-walled and thin-walled (Yoffey) 96, 425
- of brain, in orang-utan (Shellshear) 61, 167-97
- abnormal arrangement at base (Rendall) 13, 397
- of cord, umbilical, development of transverse communicating branch, human, bovine and ovine (Young, Bacsich & Boyd) 97, 143, P.
- cranial, in sharks (Hyrtl) 7, 338, *rep.*
- of duodenum (Yule) 61, 344-5
- forebrain, morphology, with reference to evolution of basal ganglia (Abbie) 68, 433-70 (*comparative*)
- gland, suprarenal (Hughes) 26, 305-7 (1 case)
- suprarenal, rabbit, rat, cat (Harrison) 85, 12-23
- thyroid, surgical importance (Rogers) 64, 50-61
- of hand, primates (Manners-Smith) 45, 23-64
- heart, atrial (Hill) 79, 41-3
- of hind-brain, rat (Moffat) 91, 25-39; 90, 585, P.
- of the kidney (Fine & Keen) 100, 881
- variations (Hughes) 26, 305-7 (1 case)
- of limbs (Woollard & Weddell) 69, 138, P. (t.o.)
- Primates (Manners-Smith) 44, 271-302; 45, 23-64
- morphology, in vertebrates, including man (Eich-holz) 27, 377-401; 27, xxxiv, P.
- see also* Arteries, limb, lower and upper
- of limbs, lower, chimpanzee (Humphry) 1, 254-68
- nerve supply (Blair & Bingham) 63, 162-3, P.
- Primates, part I (Manners-Smith) 46, 95-172
- variations, interpretation (Senior) 53, 130-71
- of limbs, upper, forearm, in Primates (Manners-Smith) 45, 23-64
- variations (Wynkoop) 33, 504 (*ref. only*); (Oeffinger) 2, 168, *rep.*
- hand, Primates (Manners-Smith) 45, 23-64
- variations (Charles) 9, 180-1
- of lungs, lobes, right upper (Appleton) 79, 97-120; 80, 216, P.
- of medulla oblongata (Duret) 7, 331, *rep.*
- and pons (Stopford) part I, 50, 131-64; part II, 50, 255-80; part III, 51, 250-77
- of mesonephros, sheep (Davies) 83, 73, P.
- of pelvis, effect of interruption on urinary bladder (Braithwaite) 86, 495-6, P.
- of pia mater, innervation (Krauspe) 9, 213, *rep.* (*rabbit*)
- of pons and medulla oblongata (Stopford) part I, 50, 131-64; part II, 50, 255-80; part III, 51, 250-77
- of retina, histological preparation (Musgrove) 26, 245-53
- of the skin (Spalteholz) 32, ii, P.
- stereoscopic photographs (Spalteholz) 31, xxxvii P. (t.o.)
- spleen, rat (Braithwaite, Adams & Jones) 92, 671, P.

- trunk, hypogastric, origin (Committee of Collective Investigation) 31, 42
- of vas deferens, distribution (Harrison) 83, 267-82
- Arteries, named**
- aorta, *see* Aorta
- auricular, innervation, electron microscopy, rat (Appenzeller) 98, 87-91
- axillary, common origin of deep branch of transverse cervical, ascending cervical, suprascapular and lateral thoracic from (Hepburn) 30, 580-1
- basilar, electron microscope study, especially nerve fibres (Samarasinghe) 97, 311, P. (*rat*)
- of forebrain, functional significance (Shellshear) 55, 27-35
- variations, abnormal origin, from cervical part of internal carotid, embryological significance (Moffat & Morris) 89, 580, P.
- double, 1 case (Macalister) 22, vii, P.
- brachial, variation (Gruber) 6, 437, *rep.*
- branches (Richmond) 14, 351-2
- division, high (Giacomini) 9, 392, *rep.*
- with reunion of branches (Lawrence) 35, xx, P.
- bronchial, variations, from 1st part of right sub-clavian (Shepherd) 24, 69-71 (1 case)
- derivation from right fifth branchial artery (Koster) 4, 335-8, n.
- left (Hewitt) 64, 363, *anat. not.*
- right, arising from aortic arch (Hepburn) 30, 580
- carotid, common, of birds, *Observationes de avium arteria carotide communi* (Nitzsch) 1867. 2, 391, *rev.*
- closure, effect upon circulation (Naxalichin) 5, 213, *rep.* (*cat*)
- birds (Garrod) 9, 405
- development (Moffat) 93, 572, P. (*rat*)
- dynamic distribution of blood supplied by, to cranial regions, sheep, ox (Baldwin & Bell) 97, 203-15
- right, baroreceptors, histology, cat (Boss & Green) 88, 569, P.
- in sharks (*Galeus*, *Zygaena*, *Carcharias* and *Lamna*) (Burne) 59, 103-4, S.P.
- structure, histology, giraffe (Franklin & Haynes) 62, 115-17
- variations, both arising from common trunk (Turner) 40, xiv, P. (t.o.)
- in branches (Embleton) 6, 217
- right, absence, 1 case, female (Boyd) 68, 551-7
- and subclavian, mode of origin, from arch of aorta in primates (Keith) 29, 453-8 (*man*, *gorilla*, *orang*, *gibbon*, *Semnopithecus*, *Macacus*, *Mycetes*, *Ateles*)
- superior thyroid, lingual and facial arising from, by common trunk (Thomson) 19, 328-32
- external, variations, loop-like bifurcation of (Turner) 13, 399
- and internal (Orr) 41, 51
- anastomoses, dog (Jewell) 86, 83-94
- internal, variations abnormal intracranial course of (Black) 22, vii, P.
- absence, complete, and developmental history of stapelial arteries, 1 case (Fisher) 48, 37-46
- and basilar, anastomosis (Elliot Smith) 43, 310-11
- cervical part, abnormal origin of basilar artery from, embryological significance (Moffat & Morris) 89, 580, P.
- tortuosity (Cairney) 59, 87-96
- compressing optic nerves (Durward) 69, 137, P.
- and external, anastomoses, dog (Jewell) 86, 83-94

Subject Index

- Arteries, named, carotid, internal** (*cont.*)
left (Flemming) 29, xxiii-xxiv
spinal, 1 case (Harris) 59, 58, *S.P.*
tortuosity (Cadarsó & Goyanes) 60, 119-20
- cerebellar, superior** (Critchley) 67, 206-7, *P.*
- cerebral, anterior, and the circle of Willis, comparative study, primates** (Watts) 68, 534-50
development, rat (Moffat) 94, 292, *P.*
variation (Robinson) 93, 131-3
formation of circle of Willis (Windle) 22, 289-93 (200 cases); discussion, 22, vii, *P.*
innervation, electron microscopy (Samarasinghe) 99, 815-28 (*rat*); 98, 287, *P.*
middle, electron microscopy, especially nerve fibres (Samarasinghe) 97, 311, *P. (rat)*
morphology, with reference to evolution of basal ganglia (Abbie) 68, 433-70 (*comparative*)
posterior, development (Moffat) 95, 485-94 (*rat*)
variations, reduplication, 2 cases (Gordon-Shaw) 44, 244-8
small, endothelium (Jones) 21, 672-3
- cervical, ascending, lateral thoracic, suprascapular, deep branch of transverse cervical, all with common origin from axillary artery** (Hepburn) 30, 580-1
transverse, deep branch of, ascending cervical, suprascapular, lateral thoracic, all with common origin from axillary artery (Hepburn) 30, 580-1
- choroidal, morphology, and blood supply of lateral geniculate body** (Abbie) 67, 491-521; 68, 133, *P. (disc.)*
- circumflex, femoral, lateral, origins, 119 cases** (Committee of Collective Investigation) 34, 261-3, 271; medial, 34, 261-3, 271
medial, arising from inferior epigastric, 2 cases (Thomson) 17, 379-83
iliac, deep supernumerary (Gruber) 2, 397, *rep.*
- coeliac, compensatory anastomoses following occlusion** (Chiene) 3, 65-72
obliterated (Thane) 22, xvii-xviii, *P.*
and superior mesenteric, variations, models (Patten) 60, 471, *P.*
- coronary, of Bantu heart** (Singer) 92, 634-5, *P.*
blood flow in (Klug) 11, 193, *rep. (isolated frog and rabbit heart)*
in camelidae (Hill) 85, 421, *P.*
circulation in (Rabatel) 8, 189, *rep. (horse)*
in *Dipnoi* and note on evolutionary significance (Foxon) 84, 121-31
elephant, Asiatic (Cave) 71, 124-7, *anat. not.*
effect of injecting glycerin masses (Shore) 61, 518, *P. (dem.)*
effect of occlusion on heart action (von Bezold) 2, 410, *rep.*
cardiac accessory blood supply after occlusion (O'Shaughnessy) 72, 626, *P. (dem.)*
in rhesus monkey (Abramson & Eisenberg) 69, 520-25
variations, accessory (Symmers) 41, 141-2
arising from pulmonary artery, 2 cases (Brooks) 20, 26-9
three arising independently, 1 case (Hepburn) 29, 459-62
left, absent (Bochdalek, Jun.) 2, 397
communicating with cavity of left ventricle near apex, in ox heart (Reid) 57, 12-17
right, sole supply of heart (Bochdalek, Jun.) 2, 397, *rep.*
and left (Turner) 19, 119 (1 case)
from common stem (Trevor) 36, xlv-xlv, *P.*
single, 37, 306-7, *rep.*
- cystic, variations, arising from superior mesenteric (Brown) 14, 373
vasa vasorum, normal X-ray microscopy (Clarke) 98, 538-43; 98, 288, *P.*
- dorsalis pedis** (Salvi) 33, 504 (*ref. only*)
relations to (Hensman) 23, xi, *P.*
cuneiform bones (Hensman) 18, 60-1
- elastic, spiral, of endometrium** (Butler) 99, 201, *P. (Galago)*
- epigastric, inferior, and mammary, internal, development** (Mall) 33, 504 (*ref. only*)
variations arising from profunda femoris (Hughes) 26, xix-xx, *P.*
medial circumflex femoral arising from, 2 cases (Thomson) 17, 379-83
- femoral, in monkeys and apes** (Brown) 15, 523-35
variations, branches abnormal arrangement (Young) 13, 154-6 (1 case)
bifurcation of (Musgrove) 26, 555-6
and reunion (Musgrove) 26, 239-43 (1 case)
to gland, prostate and vesicles, seminal (Clegg) 89, 209-16
- gluteal, origin** (Committee of Collective Investigation) 31, 43
- haemorrhoidal, see Arteries, rectal, middle**
- hepatic, distribution, terminal, and arterio-portal anastomosis** (Mitra) 100, 651-63
variations (Elworthy) 25, vi, *P.*
arising from superior mesenteric artery, with note on causation (Fawcett) 30, 206-8
from coeliac, left gastric and superior mesenteric arteries (1 case) (Rolleston) 24, 132-3
- iliac, and posterior end of aorta, development and morphology** (Young & Robinson) 32, 605-7, *abs.*
common, bifurcation level of (Committee of Collective investigation) 29, 52-8
and external, and lymph glands (Committee of Collective Investigation) 32, 172-7
right, abnormal origin (Boyd) 71, 155-6, *P.*
external and common, and lymph glands (Committee of Collective Investigation) 32, 172-7
variations, obliteration, and of internal, left common (Paterson) 44, 56
left, occlusion, with consequent anastomoses (Paterson) 44, ii (*t.o.*)
internal, branches (Committee of Collective Investigation) 31, 38-44; 31, 621-3 (11 subjects)
variations, absence (Eckhard) 3, 200, *rep.*
parietal branches, origin (Braithwaite) 86, 423-30; 86, 486, *P.*
circumflex, *see Arteries, named, circumflex, iliac*
- ilio-lumbar, origin** (Committee of Collective Investigation) 31, 42
- innominate, position in neck in front of trachea** (Koster) 1, 180-1 *abs.*
variation, unusual relation to trachea, 2 cases with review of literature (Cairney) 59, 292-6
- intercostal and aorta, nerves, sympathetic** (Tebbs) 32, 308-11
variation of origin and distribution (Walsham) 16, 441-5
superior, right and left, effect of abnormal right subclavian artery on (Pearce-Gould) 43, iv, *P.* (November 1908) (*t.o.*)
- interosseous, forearm, as large as radial** (Clayton-Greene) 44, i, *P. (t.o.)*
- lingual** (Krause), 4, 302, *rep.*
- lumbar** (Young) 39, 295-300; 39, ii, *P.*
5th, from sacral, median artery (Harman) 34, li, July 1899
- mammary, internal, see Artery, thoracic, internal**

Subject Index

Arteries, named (*cont.*)

- maxillary**, relation of to lateral pterygoid muscles, 447 observations (Collective investigation, Anatomical Society) 25, 95-7
- median**, origin, 400 cases (Collective Investigation) 27, 184-7
- superficial position (Gruber) 2, 397, *rep.*
- meningeal**, (Waas) 85, 433, *P.*
- variations, aberrant accessory (Meyer) 48, 143; (Baumel & Beard) 95, 386-406
- middle, aberrant (Curnow) 8, 155-6
- origin of ophthalmic artery from (Museum-grove) 27, 279-81 (1 case)
- mesenteric**, compensatory anastomoses following occlusion (Chiene) 3, 65-72
- inferior and branches, interruption, results (Braithwaite) 88, 578, *P.*
- superior and coeliac, variations (Patten) 60, 471, *P.*
- nutrient**, of femur, relation to growing end of femur (Ring) 88, 574, *P.*
- obturator**, origin (Committee of Collective Investigation) 31, 43-4
- variations, aberrant, supply to corpus cavernosum of penis (Thomson) 19, 328-32
- arising from profunda femoris (Hughes) 26, xix-xx, *P.*
- olfactory**, primitive, persistence, 1 case (Moffat) 95, 453, *P.*
- ophthalmic**, external and internal, distribution, ox (Steven) 98, 429-35
- origin, intracranial course and relationship of to optic nerve (Fawcett) 30, 49-52
- variations (Channugam) 70, 580-2
- aberrant (Curnow) 8, 155-6
- origin from middle meningeal, 1 case (Museum-grove) 27, 279-81
- palatine** from middle meningeal (Anderson) 15, 136-8 (1 case)
- perforating**, of thigh, origins, 56 cases (Committee of Collective Investigation) 34, 255-72
- popliteal** (Committee of Collective Investigation) 33, 193-7
- variation (1 case) (Withers) 24, xix, *P.*
- division and reunion of, 1 case (Collins) 20, 32
- unusual course (Stuart) 13, 162
- profunda femoris**, variations, origin, high (Zaaijer) 1, 180, *abs.*
- absence of (Young) 13, 154-6 (1 case)
- double (Heppburn) 30, 581-2
- pudendal**, origin (Committee of Collective Investigation) 31, 43
- pulmonary**, development (Tonge) 3, 200-1, *rep.*
- localised dilatation (Griffith) 31, xx-xxi, *P.*
- stricture (Heller) 5, 380, *rep.*
- relation to branches of right bronchus (Collective investigation) 28, 70-3
- variations, absence, 35, 503-4, *rep.*
- atresia, complete with septal defects of heart, 37, 307, *rep.*
- and transposition of viscera (McCrae) 40, 28-33
- arising from aorta (de Renzi) 23, xxiii-iv, *P.*
- joined to aorta and other anomalies (Lane) 21, 97-100 (1 case)
- and aorta, transposition (7-month-old infant) (Ashby) 16, 90-3
- with congenital malformation of heart, 1 case (Sanders) 27, 464-73
- with defects of septa (Griffiths) 29, xiv-xvii; discussion on, with relation to hearts of *Sauropsida* (Howes) 29, xvii-xviii, *P.*
- with defect of ventricular septum (Thiele) 36, xli, *P.*

- see also* Vessels, great
- radial** (Gruber) 5, 378, *rep.*
- variations of (Thomson) 18, 265-9; (Charles) 7, 300-1; (Gruber) 6, 437, *rep.*; (Gruber) 5, 193, *rep.*; (Collins) 20, 31-2
- absence, 1 case (Charles) 28, 449-50
- course of in relation to variation of 1st dorsal interosseous muscle of hand (Griffith) 31, 283-7; 31, xxiv-v, *P.*
- rectal**, middle, origin, (Committee of Collective Investigation) 31, 43
- renal**, observations on 419 (Committee of Collective Investigation,) 25, 91-4
- variations, development and morphology (Young & Thomson) 38, 1-14 (4 cases) 37, lxxviii, *P.* (i.o.)
- left, from aortic bifurcation (Shepherd) 24, 69-71 (1 case)
- multiple (Macalister) 17, 250-2; (Shepherd) 24, 69-71 (1 case); (Kater) 36, 77
- right, arising from left renal artery (Whittaker) 39, 493
- segmental (Graves) 90, 587
- and of testicular artery (Stopford) 48, 81-5
- sacral**, lateral, origin (Committee of Collective Investigation) 31, 42-3
- variations, middle, in horse (Gorton) 59, 193-4
- from 5th lumbar arteries (Harman) 34, li, *P.*, July 1899
- with six lumbar vertebrae (Taylor) 32, 687
- morphological significance (Young) 31, 169-75
- saphenous** (Aasar) 73, 194, *anat. not.*
- scapular**, descending, replacement by 3rd intercostal artery, 1 case (Collins) 20, 32
- sciatic**, origin (Committee of Collective Investigation) 31, 43
- spermatic**, *see* Arteries, testicular
- spinal**, anterior, development (Torr) 91, 587, *P.* (man, pig, sheep embryos)
- spiral**, of pregnant uterus cells (Boyd & Hamilton) 90, 595, *P.*
- stapedial**, development and complete absence of both internal carotid arteries, 1 case (Fisher) 48, 37-46
- subclavian**, and cervical rib (Todd) 46, 244-88
- and common carotid, mode of origin of, from arch of aorta in primates (Keith) 29, 453-8 (man, gorilla, orang, gibbon, *Semnopithecus*, *Macacus*, *Mycetes*, *Ateles*)
- left, shelf, and aortic coarctation (Moffat) 94, 574, *P.*
- variations anterior to scalenus anticus (Curnow) 22, v-vi, *P.*; (Bochdalek) 2, 397, *rep.*
- of branches of 1 case (Mears) 22, 304-6
- associated with presence of the scalenus minimus (Boyd) 68, 280-1, *anat. not.*
- right, anomalous (Struthers) 22, xi, *P.*; 1 case (Shepherd) 24, 69-71; (Smith) 25, 325-6 (rabbit); (Gould) 43, 324-8; two cases, with review of literature (Cairney) 59, 265-92; (Eales) 65, 152-3 (rabbit); 48 mm. foetus (Boyd) 93, 580, *P.*; (Paget) 97, 144, *P.*
- aberrant and fissure of sternum (Ogilvie & Cartcart) 8, 321-6 (lamb)
- anterior to scalenus anterior (Lane) 26, xvii, *P.* (1 case)
- and communication between testicular and splenic veins (Miura) 33, 504 (*ref. only*)
- effect on arteries, intercostal, superior, right and left (Pearce-Gould) 43, iv, *P.* (November 1908) (i.o.)

Subject Index

- Arteries, named, subclavian, variations, right** (*cont.*)
 formation (Geddes) 45, 197-8; passage (Geddes) 45, 199-201
 origin, relation of subclavian veins to cardinal system (Gladstone & Wakeley) 49, 362-75
 origin from dorsal aorta (Turner) 40, xiv, *P. (t.o.)*
 origin from left side of aortic arch (Bradley) 5, 341-2
 and of thoracic duct, 1 case (Brown) 16, 301-2, *anat. not.*; 3 cases (Thomson) 18, 416-25
 and vertebral, right, 1 case (Windle *et al.*) 62, 512-14
- subscapular**, traversing radial nerve, 2 cases (Fahrer) 98, 485-6, *P.A.S.A.N.Z.*
- suprascapular**, lateral thoracic, ascending cervical, deep branch of transverse cervical, all with common origin from axillary artery (Hepburn) 30, 580-1
- systemic**, *The X-ray atlas of the systemic arteries of the body* (Orrin) 1920. 55, 78, *rev.*
- testicular**, distribution (Harrison) 83, 267-82 (*man, rat*)
 effect of ligature, on testes (Griffiths) 30, 81-105 (*dog*)
 variations, fusion of left and right (Marsh) 32, 216-17
 and of renal artery (Stopford) 48, 81-5
- thoracic**, internal, and deep epigastric, development (Mall) 33, 504 (*ref. only*)
 variations (Gruber) 7, 171, *rep.*
 lateral thoracic branch, 1 specimen (Stibbe) 64, 127-8, *P.*; (Hepburn) 33, 259-60
 lateral, ascending cervical, suprascapular, deep branch of transverse cervical, common origin from axillary artery (Hepburn) 30, 580-1
 variations, internal, arising from thyroid axis, 1 case (Fawcett) 49, 343-4, *anat. not.*
- thyro-cervical**, variations (Gruber) 7, 171, *rep.*
- thyroid**, variations, inferior (Anderson) 14, 353-6
 to and right and left vertebral and thyroidea ima (Anderson) 14, 249-51
 left, aortic origin (Taylor & Grell) 36, 288-9
 arising from common carotid (Shepherd) 24, 69-71 (1 case)
 right, absent (Shepherd) 24, 69-71 (1 case)
 superior (Anderson) 14, 353-6
- thyroidea ima** (Pratt) 50, 239-42
 variations (Gruber) 7, 171, *rep.*
 large (Whillie) 64, 123, *P.*
 to and right and left vertebral and inferior thyroid (Anderson) 14, 249-51
- tibial**, posterior, termination (Whittaker) 40, 186-7
- truncus bicaroticus**, 1 subject (Harris) 59, 59 *S.P.*
- ulnar**, variation (Gruber) 5, 193, *rep.*; (Gruber) 6, 437, *rep.*; (Charles) 7, 300-1
 aberrant, 1 case (Collins) 20, 32
 double (Gruber) 2, 397, *rep.*
 in forearm and hand (Richmond) 14, 351-2
 superficial position (Gruber) 2, 397, *rep.*
- umbilical**, cushions subendothelial (Monie) 79, 137-44
 intra-abdominal, foetal (Monie) 80, 231, *P.*
 persistence as blindly-ending trunks, uniform diameter, Indian domestic goat (Woodland) 54, 309-10
 truncated, Indian mammals (Das) 56, 325-32
- uterine**, origin (Committee of Collective Investigation) 31, 44
 regulatory mechanism, rat (Moffat) 92, 663, *P.*
- vertebral** (Cave) 68, 134-5, *P.*
- dynamic distribution of blood supplied by, to cranial regions, sheep, ox (Baldwin & Bell) 97, 203-15
 variations, 8 cases (Iyer) 62, 121-2; (Paterson) 18, 295-303
 arising from right common carotid (Shepherd) 24, 69-71
 left, arising from arch of aorta, entering foramen of 5th cervical vertebra (Struthers) 27, 1v, *P.*
 and right, and inferior thyroid and thyroidea ima (Anderson) 14, 249-51
 right, and subclavian, right, anomalous, 1 case (Windle, Zeiss & Adamski) 62, 512-14
- vesical**, inferior, origin (Committee of Collective Investigation) 31, 43
 superior, origin (Committee of Collective Investigation) 31, 43
- to vesicles**, seminal and gland, prostate (Clegg) 89, 209-16
- vitelline**, differentiation, first, chick embryo (area vasculosa, I.) (Hughes) 70, 76-122; 70, 193, *P. (t.o.)*
- Arteriograms**, mercury, of limbs and kidneys (Styles) 31, xxxviii, *P. (t.o.)*
- Arteriography**, cadaveric, use of vermilion (Ferguson) 59, 297-300
- Arterioles**, autonomic neuromuscular contacts, of renal cortex, fine structure, sheep (Simpson & Devine) 100, 127-37
 coronary and splanchnic, muscle surface specializations and neuromuscular relationship (Irvine *et al.*) 99, 409, *P.*
 neuromuscular and intercellular relationships in, light and electron microscopy (Lever *et al.*) 99, 829-40 (*cat, rat, guinea-pig, rabbit*)
 pancreatic, relation to nerve terminals in nictitating membrane, electron microscopy (Lever & Graham) 98, 473-4, *P.*
 splanchnic and coronary, muscle surface specializations and neuromuscular relationship (Irvine *et al.*) 99, 409, *P.*
- Arteriosclerosis**, *Biological aspects of occlusive vascular disease* (ed. Chalmers & Gresham) 1964. 99, 188, *rev.*
 circulation, bone, limb, lower (Barlow) 93, 564, *P.*
- Arthrology**, *Die Altersveränderungen der Halswirbelsäule* (Ecklin) 1960. 95, 142, *rev.*
McFadyean's Osteology and arthrology of the domesticated animals (Hughes & Dransfield) 4th ed. 1953. 88, 112, *rev.*
Schémas de travaux pratiques ostéologie et arthrologie (Olivier) 1959. 94, 570, *rev.*
- Arthropoda**, embryology (Kowallewski) 6, 448, *rep.*
 morphology (Dohrn) 2, 80-6
 structure and development (Dohrn) 5, 197, *rep.*
 and vertebrates, relations between (Huxley) 35, 125, *abs., anat. not.*
see also Malacostraca
- Articular capsule**, *see* Capsule, articular
- Articular surfaces**, *see* Joints, articular surfaces
- Articulations**, *see* Joints and individual names of joints
 cervical, *see* Joints of vertebral column, cervical
- Artiodactyla**, lung for (Brown) 88, 557-8, *P.*
- Arvicola** (*Microtus*) *amphibius* (water-vole), cranium, primordial, sections and model, 25-mm. stage (Fawcett), 51, 309-59
 development, early, and placentation, and placental giant cells (Sansom) 56, 333-65
 parthenogenesis (Sansom) 55, 68-77
- Ascaris lumbricoides*, anatomy (Lowne) 5, 387, *rep.*
- Ascidia canina*, development (Kupffer) 4, 397, *rep.*

Subject Index

- Ascidiae**, development (Kowalevsky & Kupffer) 5, 388, *rep.* (*A. mamillata*)
 nature of chorda dorsalis in (Dönitz) 5, 388, *rep.*
 simple, development (Kowalevsky) 3, 205, *rep.*
- Ascites**, congenital, 31, 461, *rep.*
- Ash-constituents**, of food (Forster) 8, 411-13, *rep.* (*dog, pigeon*)
- Ashanti**, skull, dentition, defective (Duckworth) 46, 215-27
- Asphyxia**, calorification (Bernard) 8, 427, *rep.*
 pulmonary changes (McKenzie) 40, 120-32
 through lack of oxygen (Le Blanc) 9, 232, *rep.*
- Astragalo-scapoid bone**, of foot, presence (Anderson) 14, 452-55
 dorsal (Wigoder) 63, 142-4, *anat. not.*
- Astragalus**, *see* Talus
- Astringents**, local action on blood-vessels (Rosenstirn) 11, 573-4, *rep.*
- Astrocytes**, distribution and patterns of processes in central nervous system, (Peters & Palay) 99, 419, *P.*
 optic nerve, postnatal development, electron microscopy, rat (Vaughn & Peters) 100, 925, *P.*
- Asymmetry**, bilateral, in relation to form and function (handedness) (Tuckerman) 19, 307-8
 of body (Humphry) 4, 226-9
- Atavism**, pentadactyly as (Gegenbaur, trans. & abs. by Garson & Gadow) 16, 615-22
 and teratology (Rabaud) 39, 496, *rep.*
- Ataxia**, locomotor, *see* Tabes dorsalis
- Ateles** ('spider' monkey), columns, dorsal, nuclei (Chang & Ruch) 81, 140-9
 cord spinal, caudal segments, to the lingula of (Chang & Ruch) 83, 303-7
 tracts, spinothalamic, in thalamus of (Chang & Ruch) 81, 150-64
- Ateles ater**, gustatory organs (Tuckerman) 26, 391-3
- Athelia** (Williams) 25, 304-15
- Atlas vertebra**, *Über den Atlas und Epistropheus bei den eingeborenen Formosanern*, (Tsusaki) Folia anatomica Japonica, 1924, II, 221-46. 59, 448, *rev.*
- arch, *see* Arch(es)
 and axis (Macalister) 33, 204-9
 development and variations (Macalister) 27, 519-42; 27, xxxviii, *P.*
 homologies, and comparative anatomy (Macalister) 3, 54-64
 of transverse processes of (Allen) 14, 18-27; note by Professor Cleland, 14, 27-8
 variation (Tenchini) 33, 350 (*ref. only*)
 of arch (Pye-Smith, Howse & Davies-Colley) 5, 376, *rep.*
 anterior, absence, 1 case (Dwight) 21, 539-50
 and axis, articulation with occipital bone (Symington) 35, xxi, *P. (t.o.)*
 and development (Macalister) 27, 519-42; 27, xxxviii, *P.*
 fusion (Cave) 64, 337-43
 fusion with occipital bone (Griffith) 30, xv-xvii, *P.* (2 cases); (Cunningham) 32, xxxviii, *P.*; (Hughes) 33, iv-v, *P.*; partial, 36, 303, *rep.*
 ossification failure in mid-line, anterior and posterior, 1 case (Waterhouse) 27, xxxiii-iv, *P.*
 synostosis of odontoid (Hunter) 58, 140-1
 of transverse process (Dukes & Owen) 36, 290-1
 varieties (Allen) 14, 18-27; note on this by Professor Cleland, 14, 27-8
- Atractylis bidenticulata** observations on (Wright) 1, 334
- Atractylis quadri-tentaculata**, observations on (Wright) 1, 334-5
- Atresia ani**, 1 case, 31, 460, *rep.*; 2 cases (Bradley) 34, 420, *rep.* (*sheep*)
 with multiple unilateral genito-urinary and skeletal malformations (Edington) 38, 476-84
 in new-born child with penis 7 cm. in length, 40, 300, *rep.*
- Atresia vaginae**, 40, 300, *rep.*
 analysis, anatomical embryological and endocrinological (Bacsich & Dennison) 95, 604, *P.*
- Atrium**, atria, cardiac, band in, *see* Band
 cells, nerve intrinsic, mammals including man (Summerfield King & Coakley) 92, 353-76; 90, 601, *P.*
 common, and sinus venosus (Reagan) 86, 481, *P.*
 innervation, (Morison) 61, 519, *P. (dem. only)*
 nerves (Beale) 3, 455, *rep. (frog)*
 left, divided, specimen (Griffith) 73, 669, *P. (dem.)*
 with septum (Potter & Ranson) 39, 69-73
 horizontal, 1 case (Martin) 34, xxxi, *P.* July 1899
 venous drainage, cardioscopic study (Butterworth) 88, 131-2 (*dog, man*)
 right, development in quadrupeds (Reagan) 80, 237, *P.*
 tissue, autonomic nervous, (Meyling) 83, 66-7, *P.*
 wall, cholinesterase activity in (Holmes) 91, 588, *P. (dog)*
- Atrophy**, functional, maxillary, elephants, rhinoceros (Cave) 92, 638, *P.*
 muscular, progressive, preparations from parts of a case (Lawrence) 40, xi, *P. (t.o.)*
 re-innervation, rabbit leg (Gutmann & Young) 78, 15-43
 optic, and anophthalmia, brain changes in (von Leonowa) 28, 374-5, *rep.*; 28, 380, 381, *rev.*
 rate, in muscle fibres, after anterior ramisection and after anterior poliomyelitis, *Rhesus macacus* (Bowden) 86, 483, *P.*
 retrograde thalamic, study by laminar destruction of cerebral cortex (Kruger, Malis & Rose) 93, 575-6, *P.*
 transneuronal, in lateral geniculate body, quantitative study, (Goldby) 91, 567, *P.*
- Atropia**, action (Jones) 4, 167-8, *rep.*
 methyl and ethyl derivatives of (Crum Brown & Fraser) 3, 478-9, *rep. (rabbit, frog)*
 on pigeons (Wood) 5, 394, *rep.*
 on pulse rate (Wood) 8, 225-6, *rep. (expts.)*
 on sweat, 9, 448, *rep.*
 effect on secreto-motor fibres of chorda tympani (Heidenhain) 7, 198, *rep. (curarised dogs)*
 and morphia, antagonism between (Finney) 7, 198, *rep.*
 and physostigma, antagonism between (Ashmead) 7, 198, *rep. (expt.)*
see also Atropine; Calabar Bean
- Atropine**, action (von Bezold & Blöbaum) 1, 361, *rep.*
 on heart and pupil (Rossbach & Fröhlich) 8, 403, *rep.*
 antagonistic on salivary glands (Heidenhain) 9, 426-7, *rep. (curarized dog)*
 immunity of rabbits to (Ogle) 2, 186-7, *rep.*
 effects of subcutaneous injection (Fraser) 4, 168, *rep. (dog)*
 paralytic and convulsant effects (Fraser) 3, 357-69 (*frogs and various mammals*)
see also Belladonna
- Atropine sulphate**, action (von Bezold & Blöbaum) 2, 422-3, *rep.*
 on leucocytes *in vitro* (Zeller) 11, 575, *rep.*
 on nervous system (Ringer & Murrell) 11, 321-31 (*frog*)

Subject Index

- Auditory apparatus**, *see* Apparatus
- Aulorhipis elegans*, (sponge) observations (Ehlers) 6, 449, *rep.*
- Aurelia aurita* development (Schneider) 5, 197, *rep.*
- Auricle(s)** cervical, symmetrical, 2 cases (Woolf) 59, 25, *S.P.*
- of ear, congenital malformation, man, anthropoid apes, 37, 306, *rep.*
- absence, 43, 119, *rep.*
- with absence of bony external auditory meatus, 38, 366, *rep.*
- ossification (Bochdalek) 1, 149, *rep.*
- pointed (Meyer) 6, 444, *rep.*
- supernumerary (Sutton) 21, 289-98; 33, 518, *rep.*;
- goat (Stewart) 23, xxv, *P.*
- ultrastructure (Lannigan & Zaki) 99, 930-1, *P.*
- of heart, functions (Colin) 9, 222, *rep.*; (Collier) 22, xiii, *P.*
- innominate veins entering separately, joined by azygos vein (Humphry) 1, 186-7
- Auscultation**, investigation into principles (Gray) 31, 202-32; 31, 354-80
- Australia, South**, *The mammals of South Australia, part I, The monotremes and the carnivorous marsupials* (Wood Jones) 1923, 58, 384, *rev.*
- Australian(s)**, brains (Macalister) 32, iv, *P.*
- foetus, (second) external characters (Wood Jones) 72, 301-4
- skeleton (Broad) 37, 89-96
- skull (Wood Jones) 63, 350-5
- aboriginal, primitive, modern (Burkitt & Hunter) 59, 21, *S.P.*
- characters, morphological (Krogman) 66, 399-413
- contrasting types (Wood Jones) 68, 323-30
- vertebrae, cervical (Wood Jones) 72, 411-15
- Australopithecinae**, anatomy (Le Gros Clark) 81, 300-33; 81, 381-2, *P.*
- reference to milk canines in and in chimpanzee (Le Gros Clark) 85, 408, *P.*
- Australopithecus*, reconstruction (Cave) 74, 139, *P.* and *dem.*
- Autografts**, *see* Grafts, grafting
- Autonomy**, caudal, in Lacertilians (Pratt) 80, 184-8
- Autoradiography**, high-resolution, localization of H³-leucine in the rat thyroid gland (Young) 97, 640, *P.*
- of uptake of ³⁵S in normal and scorbutic guinea-pig tissue (Hill & Bourne) 90, 576-7, *P.*
- Aves**, *Archaeopteryx lithographica*, bones (Huxley) 2, 402, *rep.*
- Ornithosauria and Reptilia from the secondary strata* (Seeley) 1869, 4, 287-8, *rev.*
- arteries, carotid, (Garrod) 9, 405, *rep.*
- brain, *Studies on the morphogenesis of the brain in birds* (Krabbe) 1952, 87, 325, *rev.*
- bursa fabricii (Davy) 1, 166, *rep.*
- classification (Huxley) 2, 390, *abs.*; remarks on Prof. Huxley's paper (Newton) 2, 390-1, *abs.*
- by cranial characteristics (Huxley) 1, 369-71, *abs.*
- value of nasal bones (Garrod) 8, 177, *rep.*
- structure of the cochlea in (Hasse) 2, 170, *rep.*
- cornea (Lightbody) 1, 36-8; (Patten) 69, 148-50, *P.*
- corpus striatum in, special reference to common sparrow (*Passer domesticus*) (Durward) 68, 492-9
- origin (Durward) 69, 132, *P. (disc. only)*
- Dromus ardeola*, anatomy of skeleton (van der Hoeven) 2, 402-3, *rep.*
- flight (Marey) 7, 173-4, *rep.*
- see also* Flight
- caudal sebaceous glands (Kossmann) 6, 447, *rep.*
- development of synovial joints in (Hepburn) 23, 507-
- 31
- muscles, thigh (Garrod) 9, 405, *rep.*
- nerves, cervical, development (Marshall) 11, 491-515
- olfactory, development (Disse) 31, xxxviii, *P. (t.o.)*
- perching mechanism (Watson) 3, 379-84
- pharyngeal derivatives, development (Scotherne) 88, 553, *P.*
- respiration (Drosier) 1, 156, *rep.*
- shoulder girdle (Young) 6, 76-81
- sight in, *see* Aves, vision in
- skull, development (de Beer) 68, 127-8, *P.*
- thymus II, so-called, embryology (Scotherne) 91, 12-24 (gannet, black-headed gull, moorhen, pigeon, thrush, blackbird)
- tissue, elastic, eye (Carlier) part I, 40, 15-24; part II, 40, 110-19
- vision in (Lee) 7, 170, *rep.*; 7, 344, *rep.*; 8, 173, *rep.*
- visual system (Cowan, Adamson & Powell) 95, 545-63 (*experimental study*)
- vocal apparatus (Patten) 64, 108-9, *P.*
- water, arctic and sub-arctic, (gulls, divers, auks, auklets, murrelets, murres, guillemots) comparative osteology of (Shufeldt) part I, 23, 1-39; part II, 23, 165-86; part III, 23, 400-27; part IV, 23, 537-58; part V, 24, 89-116 (*puffins*); part VI, 24, 169-87 (*loons, grebes*); part VII, 24, 543-66 (*Longipennes*); part VIII, 25, 60-77 (*Laridae, Stercorariidae, Divers, auks, gulls*); part IX, 25, 509-25 (*conclusion*)
- see also* individual names
- Axis**, coeliac, *see* Artery, coeliac
- pituitary-adrenal, and duodenal alkaline phosphatase accumulation, foetal rabbit (Bearn) 100, 449-50, *P. (dem.)*
- Axis vertebra**, *Über den Atlas und Epistrophus bei den eingeborenen Formosarnern* (Tsusaki) *Folia anatomica Japonica*, 1924, II, 221-46, 59, 448, *rev.*
- basicranial age changes, primates (Ashton) 91, 601, *P.*
- connection of body and dens (Cunningham) 20, 238-43
- cranio-facial, of Cameron (Cameron) 64, 324-36 (*comparative*)
- cylinder process, *see* Axon
- development (Kinberg) 4, 332, *n.*
- and varieties of (Macalister) 28, 257-68; 28, vi, *P.*
- fusion, with atlas (Cave) 64, 337-43
- with third cervical vertebra, 3 cases, (Aasar) 72, 634-5, *anat. not.*
- homologies and comparative anatomy of (Macalister) 3, 54-64
- lower limb attachment to, variability in level (Birmingham) 25, 526-34
- odontoid process, unfused, 1 case (Turner) 24, 358-9
- spina bifida (Black) 31, xxx, *P.*
- spine, evolution (Cave) 70, 190-2, *P.*
- transmeatal, cartilaginous and osseous, relative positions in man (Campion & Young) 65, 328-32
- varieties and development (Macalister) 28, 257-68; 28, vi, *P.*
- Axolotl**, dropsy in (Sutton) 21, 670-1
- hydroptic condition of (Gervais) 6, 447, *rep.*
- Axons**, adrenergic, accumulation of noradrenaline in proximal and distal pairs after compression (Dahlström) 99, 677-89 (*rat*)
- apparatus, myelothecal (MacConaill) 83, 57-8, *P.*
- in brain and cord, structure (MacConaill) 84, 69, *P.*
- and dendrites in visual cortex, patterns, cat (Colonnier) 97, 152, *P.*
- of neurones of spinal marrow (Zuppinger) 8, 392, *rep.*

Subject Index

Axons, (cont.)

- relation to cell, Schwann, in peripheral nerves (Causey & Hoffman) 90, 1-4 (*rat*)
- severance, effects of, in cholinergic neurones of *Xenopus* larvae (Lewis & Hughes) 95, 287, *P.*
- size, and its myelin sheath (Williams & Wendell-Smith) 92, 651, *P.*
- staining, Jakimovitch (Stirling) 24, 609
- Ranson's method, modification (Hewer), 67, 350-2, *anat. not.*
- sympathetic, ultrastructural changes proximal to constriction after 24 hours (Kapeller & Mayor) 100, 439-41, *P. (cat)*
- vesiculated, in relation to arteriolar smooth muscle in pancreas, fine structural and quantitative study (Lever *et al.*) 99, 299-313 (*guinea pig*)
- Azygos vein, *see* Veins, named, azygos

Baboon, *The baboon in medical research. Proceedings of the First International Symposium on the baboon and its use as an experimental animal* (ed. by Vagtborg) 1965. 100, 210-11, *rev.*

- effect of cerebral lesions on sexual skin cycle of (Zuckerman) 91, 599, *P.*
- effects of oestrin on menstrual cycle (Parkes & Zuckerman) 65, 272-6
- South African, teeth, fourth molar, 4 cases (Shaw) 62, 79-85
- see also* *Cynocephalus anubis*, *Cynocephalus hamadryas*, *Papio procarius* (Chacma)

Bacillus, pyocanic, injected into pregnant cavies and rabbits, results, 31, 455, *rep.*

- tubercle, in domesticated animals (M'Fadyean) 25, ii, *P. (SMS) (t.o.)*

Backache, low, *Chronic structural low-backache due to low-back structural derangement* (Roberts) 1947. 83, 44-5, *rev.*

Backrest, position, and force exerted on isometric foot-pedal (Rees & Graham) 86, 310-19

Bacteria, action on uric acid (Lex) 7, 356, *rep.*

- behaviour in alimentary canal (Macfadyen) 21, 227-38 (review of literature); 21, 413-37 (*in vitro* and *in vivo* experiments)
- metabolism (Buchholtz) 13, 240-1, *rep.*
- existence in healthy organs, investigations in rabbit (Chiene & Ewart) 12, 448-53
- experiments on origin (Sanderson) 7, 358, *rep.*
- effect of compressed oxygen on, in blood culture (Feltz) 13, 264, *rep.*
- and putrefaction (Hiller) 9, 448, *rep.*
- in sweat (Eberth) 8, 188, *rep.*
- lethal temperature, for (Bastian) 7, 358, *rep.*; criticism by Roberts, 7, 358, *rep.*

Badger, nerves, aortic and sinus (Amoroso *et al.*) 85, 411, *P.*

- see also* *Meles meles* L., *Meles taxus*
- Balaena*, description (Gray) 5, 197, *rep.*

Balaena biscayensis, notes on (Fischer) 6, 445, *rep.*

Balaena mysticetus, (Greenland right-whale) carpus (Struthers) 29, 145-87

- external ear opening and external meatus of (Gray) 23, 300-7
- gland, rudimentary, (? parotid) (Gray) 25, ii, *P. (SMS) (t.o.)*
- hind-limb, rudimentary, comparison with those of *Balaenoptera musculus* and *Megaptera longimana* (Struthers) 27, 291-335
- bones and joints (Struthers) 15, 141-76; muscles, 15, 301-21
- rudimentary finger muscles in (Struthers) 12, 217-23
- sternum (Struthers) 29, 593-612
- Balaeniceps rex*, osteology (Shufeldt) 35, 406-12

Balaenoptera, fourth species of genus of (Guldborg) 19, 293-302

Balaenoptera borealis, or *laticeps*, osteology (Turner) 16, 471-84

Balaenoptera davidsoni, (Scammon) 7, 336, *rep.*

Balaenoptera intermedia (Burmeister) 7, 335, *rep.*

Balaenoptera musculus (great fin-whale) anatomy (Struthers) 6, 107-25, (van Beneden) 6, 445, *rep.*

- characters, external, and skeleton of (Dwight) 7, 172, *rep.*

description (Flower) 5, 197, *rep.*

hind-limb, rudimentary, comparison with those of *Megaptera longimana* and *Balaena mysticetus* (Struthers) 27, 291-335

vertebrae, cervical, and their articulations (Struthers) 7, 1-55

Balaenoptera patachonica (Burmeister) 7, 335, *rep.*

Balaenoptera physalis (whale) conducting tissue, specialized, in foetal heart (King) 95, 611, *P.*

Balaenoptera rostrata, anatomy (M'Carey and Macalister) 3, 204, *rep.*

- osteological notes (Perrin) 6, 445, *rep.*
- vertebrae, cervical, and their articulations (Struthers) 7, 1-55

Balaenoptera sibbaldii, anatomy (Turner) 5, 382-3, *rep.*

Baldness, histology and histochemistry of the dermis in hairy and non-hairy parts of the human skin (Singh & McKenzie) 95, 569-74

Band(s), amniotic, deformities caused by 32, 793-4, *rep.*

- encircling arm of foetus, 31, 463, *rep.*
- linking digits of upper limbs and left foot in 13-week foetus (Smith) 31, xxxiv-v, *P.*

multiple malformations of face and cranium caused by, 42, 136, *rep.*

in atrium, left, of heart (Fowler) 30, v-vi, *P. (1 case)*; (Griffith) 30, vi-viii, *P.*; 37, 255-7; (Rolleston) 30, v, *P.*

bifid and moderator band (Hepburn) 30, 582-3

fibrous, on dorsum of scapula, nature (Keith) 30, xiv-xv, *P.*

Hunter-Schreger, of enamel (Lester) 97, 491-2, *P.A.S.A.N.Z.*

moderator, in left ventricle (Turner) 30, 568-9; (Hepburn) 30, 582-3; (Rolleston) 31, xxi-xxii, *P.*; sheep (McClelland) 32, 779; 2 cases (Griffith) 34, xxxi-ii, *P.*; July 1899; demonstration (Turner) 27, xxi-xx, *P.*

to margin of valve of foramen ovale (Griffith) 34, xxxii-iii, *P.* July 1899 (*1 case*)

with valve, left, atrio-ventricular tricuspid (Turner) 32, 373-7 (*1 case*)

radio-ulnar, ligamentous (Balgarnie) 25, v-vi, *P.*

Bandicoot, *see* *Perameles*

Bantu, coronary arteries of (Singer) 92, 634-5, *P.*

kidney, fused pelvic, (Shore) 64, 344-52

pelvis, female (Heyns) 78, 151-66

The teeth, the bony palate and the mandible in Bantu races of South Africa (Shaw) 1931. 66, 126-7, *rev.*

vertebral column, abnormalities, 80 skeletons (Shore) 64, 206-38

see also Negro

Bar(s), hyoid, development, and of rays, in Plagiostomi (Edgeworth) 66, 104-13

terminal, intestinal epithelium (Muir) 96, 422, *P.*

Barium, salts, action when injected into blood (Blake) 8, 243-9, (*dog*)

Baroreceptors, of artery, carotid, common right, histology, cat (Boss & Green) 88, 569, *P.*

microcirculation (Hughes) 99, 920, *P.*

Subject Index

- Barrier**, blood-thymus, observations (Bridges & Calvert) 100, 934, *P. (rat)*
permeability, in ureter transitional epithelium (Hicks) 99, 932, *P.*
- Barrow(s)**, *British barrows: a record of the examination of sepulchral mounds in various parts of England* (Greenwell & Rolleston) 1877, 12, 661-2, *rev.*
 round, skulls (16) from, in East Yorkshire (Wright) 38, 119-32; 39, 417-49; 40, iii, *P. (t.o.)*
 West Kennet, Wiltshire, neolithic remains from (Wells) 90, 580, *P.*
- Base**, cranial, *see* Base, of skull
 of skull, growth (Latham) 100, 435, *P.*
 growth changes, during closure of secondary palate in two strains of rat (Harris) 95, 286, *P.*
- Basle**. . . *The B.N.A. arranged as an outline of regional and systematic anatomy* (Emmel) 2nd ed., 1927. 62, 362-3, *rev.*
- Bat(s)** *see* Chiroptera, *Nyctophilus timoriensis*, *Pipistrellus*, *Pteropus*
 fruit, *see* *Eidolon Helvum kerr*
- Bath**, Turkish, physiology (Fleming) 13, 452-64
Bathyergus maritimus, sternalis muscle in (Parsons) 29, xi-xiii, *P.*; discussion, 29, xiii-xiv, *P.*
- Batrachia**, contractility of heart (Friedländer) 2, 407, *rep.*
 cornea in (Lightbody) 1, 39-40
 epithelium of throat (Foster) 3, 394-400
 ganglion-cells in the retina of (Manz) 1, 357, *rep.*
 origin and development (Golubew) 5, 197, *rep.*
 spontaneous contraction of excised heart (Prompt) 2, 407, *rep.*
 skeletons (Segoud) 7, 338, *rep.*
see also Axolotl
- Beak**, avian, hypertrophy (Patten) 69, 132-3, *P.*
- Bear**, American black, *see* *Ursus americanus*
 Koala *see* *Phascolarctos cinereus*
 sea, New Zealand, *see* *Arctocephalus cinerius*; North Australian, *see* *Gypsophoca tropicalis*.
- Bee**, localization of centres of co-ordination of movements (Dönhoff) 10, 202, *rep.*
- Beetles**, contraction in striped muscles studied histologically (*Amara apricaria*, *Carabus nemoralis*, *Pygära bucephala* (Kaufmann) 10, 219, *rep.*
 water, structure of muscle fibres of legs (Schäfer) 7, 329, *rep.*
see also *Hydrophilus piceus*
- Behaviour**, *Anatomy and the problem of behaviour* (Coghill) 1929. 64, 104-5, *rev.* (*Amblyostoma*)
 responses in inbred and selected strains, rats (Broadhurst) 99, 944, *P. (dem.)*
- Belideus ariel* *see* *Petaurus breviceps* (Squirrel glider)
- Bell-Magendie**, controversy (Flint, Hawkins) 3, 446
- Belladonna**, actions (Harley) 2, 423, *rep.*
 physiological (Meuriot) 3, 225-6, *rep.* (*frog*)
 and opium, antagonism between (case of attempted suicide (Naismyth) 14, 449-51
 inhibitory action on sweating (Ringer) 7, 197, *rep.*
see also Atropine
- Beluga*, *see also* *Delphinapterus leucas*
Beluga kingii (Hector) 7, 335, *rep.*
- Bence-Jones protein**, absorption (Stockvis) 6, 487-8, *rep.*
- Bengal**, *The tribes and castes of Bengal* (Risley) 26, 277-8, *rev.*
- Bengali**, (Dacca) dissection of, myology (Bryce) 31, 616-18; 31, xxxvi, *P. (male)*
- Benzine**, toxic action (Starkow) 8, 222-3, *rep.* (*animals*)
- Benzoyllecgonin**, action (Stockman) 21, 46-58 (*frog*, *rabbit*, *cat*)
Berardius, notes (Gray) 6, 445, *rep.*
Beradius arnouxii (Hector) 7, 335, *rep.*
 skeleton (Flower) 7, 335, *rep.*
 and other Ziphioid whales, criticism of W. H. Flower's paper (Gray) 7, 335, *rep.*
Berardius hectori (Hector) 7, 335, *rep.*
Berardius, *see also*, *Whales*, *Ziphioid*
- Beri-beri**, structural changes in nerve-endings in (Woollard) 61, 283-97
- Beryllium**, physiological action (Blake) 10, 478-83
- Beta-amino proprio**, nitrile influence on wound contraction (Craven & James) 97, 303, *P. (rat)*
- Beta-glucuronidase**, *see* Enzymes, ovarian
- Beverages**, infused, action, on peptic digestion (Fraser) 18, 13-48 (*in vitro* expts); 20, 361-87
 and pancreatic digestion (Fraser) 21, 337-61, (*in vitro* expts); 31, 469-512
- Bibliographica primatologica**. *A classified bibliography of primates other than man*, (Ruch) Part I. 1941. 76, 410, *rev.*
- Bile**, (Socoloff) 11, 565, *rep.*
 action on organism (Feltz & Ritter) 10, 650, *rep.*
 action of quinine sulphate on (Malinin) 3, 239, *rep.*
 CO₂ in (Bogoljubow) 4, 321, *rep.*
 chemistry (Thudicum) 2, 428, *rep.*
 volume, through biliary fistula (Ranke) 6, 469, *rep.*
 after purgatives (Rutherford & Vignal) 10, 215-17, *rep.* (*curarized dog*)
 relation to urea formation (Noël-Paton) 20, 114-24; 20, 267-306; 20, 520-31; 20, 662-73
 spectrum of (Dalton) 9, 240, *rep.*
 sulphur content, in relation to ingested albumin (Kunkel) 11, 562-3, *rep.* (*dog*)
 composition (Trifanowsky) 10, 217, *rep.*
 and biliary fistula, 1 case (Westphalen) 8, 418-19, *rep.*
 derivatives (Stockvis) 6, 248, *rep.*
 physiological actions (Feltz & Ritter) 5, 207, *rep.* (*animal*)
 and digestion, function (Schiff) 5, 224, *rep.*
 influence (Hammarsten) 4, 319-20, *rep.* (*various animals, birds*)
see also, Bile peptones
 and fat absorption, action in promoting (Williams) 9, 240, *rep.*
 drugs and mineral waters, effects on secretion, (Bain) 33, 91-130
 gases (Pflüger) 4, 180, *rep.* (*dog*); (Charles) 16, 283-99 (*rabbit, dog*)
 analysis (Bogoljubow) 9, 239-40, *rep.*
see also, Bile, carbon dioxide
 influence on blood corpuscles (Jurasz) 6, 457, *rep.*
 injection of, effects (Feltz & Ritter) 9, 239, *rep.*; intravenous (Feltz & Ritter) 9, 435, *rep.*
 iron in, and its relation to blood pigments (Young) 5, 158-64; note on this paper by Gamgee, 5, 165
 movement and pressure of (Kowalewsky) 9, 239, *rep.* (*curarised cat*)
 and peptones (Hammarsten) 5, 230-1, *n.*
 physiology (von Wittich) 7, 352, *rep.*
 phosphatase, alkaline, and biliary tract (Jacoby & Martin) 85, 391-400 (*rabbit, dog, guinea-pig*)
 secretion (Schmulewitsch) 4, 180, *rep.* (*rabbit*); (Schiff) 5, 407-8, *rep.* (*dog*); (Röhrig) 8, 209, *rep.* (*rabbit, dog*)
 experiments, 1st series, (Rutherford & Vignal) 10, 253-96 (*dog*); 2nd series, 11, 61-86 (*dog*); 3rd series, 11, 623-62
 and absorption (Heidenhain) 3, 214-15, *rep.* (*rabbit*)
 action of mercury, podophylline and taraxacum (Edinburgh Committee) 4, 180, 187-8, *rep.* (*dog*)
 effects of muscarine (Prevost) 9, 240-1, *rep.* (*cat, dog, rabbit*)
 influence of spinal cord (Lichtheim) 2, 414, *rep.*

Subject Index

- Bile**, secretion (*cont.*)
 by liver (Socoloff) 11, 204, *rep.* (*dog*)
 mechanism (Bain) 34, 69-74 (*expts. dogs*)
 and portal circulation (Lussana *et al.*) 8, 418, *rep.*
 determination, sulphur (Külz) 7, 352, *rep.*
- Bile acids**, acetic and propionic (Dogiel) 2, 429, *rep.*
 determination (Bogomoloff) 4, 180, *rep.*
see also Bile acids, test for
 influence on blood corpuscles (Jurasz) 6, 457, *rep.*
 propionic and acetic (Dogiel) 2, 429, *rep.*
 test for, in urine (Strassburg) 6, 468, *rep.*
see also, Bile acids, determination
- Bile capillaries** (Reichert) 1, 357, *rep.*
 arrangement in vertebrates (Hering) 2, 171-2, *rep.*
 relation to mammalian liver cells (Eberth) 2, 172, *rep.*
 structure, minute origin of: experimental study
 (Hering & Kölliker) 2, 161-4, *abs.*
- Bile-duct(s)**, common, autoradiography, rodents (Mc-
 Minn & Kugler) 93, 573, *P.*
 and gall-bladder, anatomy, topographical and
 applied (M'Connell) 49, 286-304
 ligation, effects, rat (Wright & Braithwaite) 98, 227-
 33; 96, 418, *P.*
 epithelium, ultrastructure, rat (Riches & Palfrey)
 100, 429-30, *P.*
 lobar, interruption, effects, rat (Wright & Braithwaite)
 98, 219-25
- Bile pigments**, blue (Ritter) 6, 468, *rep.*
 derivative of, in faeces (Vanlair & Masuis) 6, 468-9,
rep.
 formation (Steiner) 8, 209, *rep.*; (Tarchanoff) 9,
 435-6, *rep.* (*dog*)
 from blood pigment (Steiner) 8, 420, *rep.* (*rabbit*);
 (Tarchanoff) 9, 241, *rep.*; 9, 436-7, *rep.*
 oxidation products of, in Gmelin's reaction (Stockvis)
 7, 352, *rep.*
 spectroscopy (Vierordt) 9, 448, *rep.*
 in urine (Lewin) 9, 440, *rep.*; and urinary pigments
 (Jaffé) 3, 238, *rep.*; cause (Legg) 7, 165
 (*rabbit*)
- Bile, salts**, action on alimentary canal of dogs (Schülein)
 13, 245, *rep.*
 effects of injections of (Brown) 10, 217, *rep.* (*rabbit*)
- Biliary apparatus**, in monotremes and marsupials
 (Mackenzie) 51, 6, *P.* (June 1916)
- Bilifuscin**, (Simonof) 11, 564, *rep.*
- Bilirubin**, analysis of ox gall-stone (Maly) 9, 437, *rep.*
 and derivatives, hydrobilirubin, (Vierordt) 8, 209, *rep.*
 identity (Salkowsky) 4, 178-9, *rep.*
 transformation into urinary pigment (Maly) 6, 468, *rep.*
- Biochemistry**, *Lehrbuch der physiologischen Chemie*
 (Kuhne, W.) 1867. 1, 353-4, *rev.*
Outlines of physiological chemistry (Ralfé) 1873. 7,
 318-20, *rev.*
Chimie appliquée à la physiologie, à la pathologie et à
l'hygiène (Gautier) 1874. 9, 450, *rep.* (*notice*).
 observations (Blake) 5, 247-50
 report (Brown) 13, 236-51
- Biology**, *Handbuch der biologischen Arbeitsmethoden* (ed.
 by Abderhalden) 1926. 61, 151-2, *rev.*; 1927.
 62, 519, *rev.*
Organic form and related biological problems (Holmes)
 1948. 82, 271-2, *rev.*
Biologische untersuchungen (Retzius) 11th series, 1904.
 39, 368, *rev.*
Symposia on quantitative biology, vol. III, 1935. 71, 420,
rev.
 molecular, *British medical Bulletin*, vol. 21, no. 3:
Recent research in molecular biology (ed. by
 Clowes) 100, 675, *rev.*
- Biopsy**, *Liver biopsy*, *An atlas of histological appearances*
 (Shorter) 1961. 96, 410, *rev.*
- Bipedalism**, genesis, hominids (Napier) 98, 297, *P.*
- Birds**, *see* Aves
- Birefringence**, of cellular nuclei and other structures
 (Kruszynski) 95, 290-1, *P.*
 and contractility in muscle fibre (Englemann) 11, 568,
rep.
- Birmingham**, Ambrose, Tribute, 39, v, *P.*; Tribute,
 39, xix, *P.*
see also Obituary notices
- Bismuth**, detection in tissues (Mayençon & Bergeret)
 8, 218, *rep.*
- Blackbird**, common Palaearctic, *see* *Turdus merula*
- Blackbuck**, *see* *Antelope cervicapra*
- Bladder**, air, of British Clupeoid fishes (Ridewood)
 26, 26-42
 cloaca, and communication between and in herring
 (Bennett) 14, 405-6
 production of sounds, in Siluroidae (Sörensen) 29,
 109-39; 29, 205-29; 29, 399-423; 29, 518-52
 pancreatic, origin (Boyden) 63, 363-6 (*cat*)
 swim, functions, in fishes (Harting) 8, 177-8, *rep.*
 red glands in, structure (Vincent & Barnes) 30,
 545-58
- Bladder, urinary**, absorption of various substances by
 (Bert & Jolyet) 4, 331, *rep.*
 absorption from mucous membrane of (Ashdown)
 21, 299-324
 anatomy and physiology (Clark) 17, 442-59
 autografts of ileum into, rabbit (Joseph & Thomas)
 91, 615, *P.*
 autograft of lining to ear, rabbit (Joseph) 93, 563-4,
P.
 autografts, influence on healing fractures of skull
 (Beresford & Hancox) 99, 407-8, *P.*
 blood supply, arterial, 50 infants (Braithwaite) 85,
 413, *P.*
 calculi formation in (Hoffmann) 10, 218, *rep.*
 capacity and pressure of fluid (Thompson) 53,
 241-53
 in children, shape and position, 6 specimens, 1 day-
 2 years (Birmingham) 32, 458-67; (Elliot
 Smith) 43, i, *P.* (June 1908) (*t.o.*)
 distension, effect on lining epithelium, and on its
 histochemical reaction for alkaline phosphatase
 (Martin) 94, 580-1, *P.* (*guinea-pig*)
 diverticula (Ercolani) 7, 332, *rep.*; 1 case (Thomp-
 son) 59, 62, *S.P.*; (Wakeley) 59, 63, *S.P.* (*t.o.*);
 congenital, mid-line (Thompson) 35, 492-5;
 symmetrical, 1 specimen (Woolf) 59, 5-6, *S.P.*;
 true (Corbett) 59, 105-7, *S.P.*
 drainage, venous (Fenwick) 19, 320-7
 effect of interruption of pelvic arteries (Braithwaite)
 86, 495-6, *P.*
 empty, form (Dixon) 33, xxx, *P.*
 and peritoneal connections (Dixon) 34, 182-97
 epithelium, impermeability (Susini) 3, 220, *rep.* (*dog*)
 physiology (Cazaneuve & Livorn) 13, 256-7, *abs.*
 (*dog*)
 extroversion, with intestinal openings on extro-
 verted area, 3-day-old child (Johnston) 48,
 89-106
 fibres, muscular, and of urethra (Griffiths) 25,
 535-49
 form (Thompson) 51, 364-74; 51, 12-13, *P.*
 (December 1916)
 histochemistry in relation to hormonal studies,
Bufo bufo (Matty & Guinness) 98, 271-6
 histology and histochemistry, especially alkaline
 phosphatase and Golgi material (Martin) 92,
 286-97 (*guinea-pig*, *rabbit*, *rat*, *mouse*, *cat*)
 infantile, persistence in Negroes (Elliot Smith) 43,
 i, *P.* (June 1908) (*t.o.*)

Subject Index

Bladder, urinary (cont.)

- lymphatics (Hoggan & Hoggan) 15, 355-77 (mammals)
- malformations, congenital (Thompson) 48, 280-6; 2, with other anomalies, 38, 370, *rep.*
- classification, 43, 122, *rep.*
- reduplication (Ercolani) 7, 332, *rep.*; and other abnormalities (Kinkman & Ashley) 91, 606, *P.* (1 case)
- and of ureter, (Hart) 35, 376-89
- movements (Ezn) 6, 242-3, *rep.*
- mucosa, as implantation autografts and homografts (Johnson & McMinn) 89, 450-6; 89, 559, *P.* (dog, cat)
- neck, instrument for studying mechanics (Vincent & McFadden) 92, 639, *P.*
- form, importance (Vincent) 95, 619, *P.*
- nerves, and urethra (Griffiths) 29, 61-83
- nerve-endings, frog (Lavdowsky) 7, 170, *rep.*
- physiology and of urethra (Griffiths) 29, 254-75
- reduplication *see* Bladder, urinary, malformations, congenital
- and stimulation of central end of vagus upon (Oehl) 4, 185, *rep.*
- surgical anatomy (Thompson) 48, 280-6
- urinary, two, with other anomalies, 38, 370, *rep.*
- urine collection in (Edlefsen) 8, 421, *rep.*
- vesical veins (Gillette) 4, 154-5, *rep.*
- see also* Ectopia vesicae
- Blastocyst**, attachment, mechanism, cat (Murray) 85, 431, *P.*
- development after transplantation to scrotal and cryptorchid testis, mouse (Kirby) 97, 119-30
- dog (van der Stricht) 58, 52-3; 59, 65-66, *S.P.*
- early, cavia (Wilson) 61, 490, *P.* (t.o.)
- Galago senegalensis senegalensis* (lesser bush baby) (Butler) 93, 257-61
- structure, guinea-pig (Wilson) 62, 346-58
- Hapale jacchus* (Hill & Hill) 61, 514, *P.* (dem. only)
- egg development of golden hamster (Hamilton & Samuel) 81, 383-4, *P.*
- implantation, in organ culture, further studies, rabbit (Glenister) 97, 149, *P.*
- in vitro*, rabbit (Glenister) 94, 448, *P.*
- mesenchyme origin, rabbit (Glenister) 99, 203, *P.*
- mouse (Dickson) 100, 335-48
- structure, armadillo (Enders) 96, 39-48
- fine, rat (Schlafke & Enders) 97, 353-60
- and mode of implantation, *Cavia* (Hill & Sansom) 64, 113-15, *P.*
- of *Talpa in utero*, (Sansom) 59, 89, *S.P.* (dem.)
- and vesicles, chorionic (Hamilton, Boyd, & Samuel) 80, 216, *P.* (sheep)
- Blastoderm**, chick, presumptive foregut area in (Bellairs) 85, 429, *P.*
- development and growth of, in hen's egg (Balfour) 8, 168-9, *rep.*
- of sheep, 7 days, with twin germinal areas (Assheton) 32, 362-72
- structure, and continuity of the cell-elements during early development (Cameron & Gladstone) 50, 207-27; 50, 12-13, *P.* (March 1915)
- of trout's egg (Götte) 8, 170, *rep.*
- Blastopore**, embryogenic role of lips, *Rana esculenta* (Bertacchini) 34, 410, *rep.*
- 'Blind spot', discontinuities in the normal field of vision (Lanchester) 68, 224-38
- Blindness**, colour (Fick) 9, 219, *rep.*
- green, monocular (Preyer) 6, 473, *rep.* (woman)
- Block**, nerve, ulnar, at pisiform, ring finger movements after (Whillis & Channell) 83, 71, *P.*
- trimmer, rectangular (Fawcett) 45, 179-80, *anat. not.*

- Blood** (Hoppe-Seyler) 4, 178, *rep.* (man and other mammals)
- action of chloral on (Feltz & Ritter) 9, 416, *rep.*
- action of cyanogen on (Laschkewitsch) 3, 469, *rep.*
- action of hydrogen peroxide on (Schönn) 5, 223, *rep.*
- action of ozone on (Dogiel) 10, 204-5, *rep.* (dog, frog)
- action of sulphuretted hydrogen on (Hoppe-Seyler) 1, 160-1, *rep.*
- albuminoid substances in [serum protein] (Heynsius) 4, 177-8, *rep.* (cow)
- alkaline, presence of soluble earths and phosphoric acid in (Fokker) 8, 199, *rep.*
- separation of acids from 9, 221, *rep.*
- alkalinity (Zuntz) 2, 428, *rep.*; (Lassar) 9, 222, *rep.*
- effect of lime and magnesia on, 10, 645, *rep.*
- ammonia in (Brücke) 3, 231, *rep.*
- analysis (Jüdel) 4, 178, *rep.*
- from portal and hepatic veins (Drosdoff) 13, 243, *rep.* (dog)
- arterial and venous, and air, intrathoracic, movements of, during cardiac cycle (Ceradini) 6, 235, *rep.*
- ash of (Jarisch) 11, 555, *rep.* (man, horse, dog)
- capillary, non-coagulability of (Falk) 8, 406-7, *rep.*
- carbon dioxide and oxygen in (Dybrowsky *et al.*) 1, 160, *rep.*
- carbonic acid in (Sertoli) 3, 230, *rep.*
- changes, induced by oxygen, nitrous oxide, carbonic oxide, antimony and arsenic, phosphorus and bile acids (Ritter) 7, 199-200, *rep.*
- in lymph sac of frog (Lange) 10, 645, *rep.*
- chemical, in muscles (Ludwig & Schmidt) 3, 230-1, *rep.* (carnivora)
- chemistry, with particular reference to haemoglobin (Preyer, Pflüger, Heaton, Nawrocki, Gamgee, Hoppe-Seyler, Koschlakoff, Poffoff, Heuzinga, Körber, 2, 177-9, *rep.*
- circulation, and of lymph, model (Charles) 22, 435-40
- fibrin-ferment in, experiments (Haycraft) 22, 172-90
- coagulation (Schmidt) 7, 345-6, *rep.* (expts.)
- blood gases in, role (Mathieu & Urbain) 9, 420-1, *rep.*
- cause (Mantegazza) 11, 553, *rep.* (herbivores, dog)
- and mechanism (Mathieu & Urbain) 10, 645, *rep.*
- and origin of fibrin (Mantegazza) 6, 458-9, *rep.*
- changes (Haycraft & Carlier) 22, 582-92
- in foetus (Boll) 6, 233, *rep.* (chick)
- in vivo* experiments (Naunyn) 6, 458, *rep.*
- with bile (Ranke) 6, 458, *rep.*
- influence of haemoglobin on (Schmidt) 6, 457-8, *rep.*
- investigations in dogs and rabbits (Schiffer) 6, 458, *rep.*
- in living animal (Plosz & Gyorgyai) 9, 421, *rep.* (rabbit)
- physical nature (Smee) 7, 210-18
- a colourless crystalline derivative of (Brondgeest) 6, 457, *rep.* (frog)
- constituents, combining with oxygen in asphyxia (Afonassiew) 8, 196-7, *rep.* (*in vitro* expts.)
- inorganic (Janisch) 7, 346, *rep.*
- corpuscles, of annelids (Rolleston) 401-18
- chemical composition in nuclei (Brunton) 4, 91-6 (hen)
- of earth-worm (Lanckester) 12, 591-2
- of *Igel* and *Coluber natrix* (Hoppe-Seyler) 4, 178, *rep.*
- digestion of, by common leech (Stirling & Brito) 16, 446-57 (blood of frog, newt and man)
- enzymes, sugar-producing (Plösz & Tiegel) 8, 199, *rep.*

Subject Index

Blood, (cont.)

examination, microscopic (Nedsvetski) 8, 198, *rep.*
 fat, composition and fate after feeding of, and intra-arterial injections into (Röhrig) 10, 643-4, *rep.* (dog)
 fibre formation in (Osler & Schäfer) 8, 198, *rep.* (man, animal)
 flow, in arteries, physics (Hoorweg) 24, 434-71 & 592 in cord, spinal, effect of activity (Field *et al.*) 84, 402, *P.*
 cutaneous, effect of hair growth (Thorburn *et al.*) 99, 954, *P.A.S.A.N.Z.*
 effect of muscular fibres on (von Bezold & Gscheidlen) 2, 412 (*rep.*)
 effect of thyroid gland on carotid flow (Guyon) 3, 208, *rep.*
 in muscle, during stimulation of motor nerve (Gaskell) 11, 360-402 (dog)
 in relation to vasomotor stimulation (Slavjansky) 9, 224-5, *rep.* (dog, rabbit)
 rate, in arteries, horse (Lortet) 2, 411-12, *rep.* experiments (Duncan & Gamgee) 5, 150-7 in venous circulation (Cyon & Steinman) 6, 232-3, *rep.* (dog)
 rat femora (Brookes) 100, 435-6, *P.*
 during respiration, interrupted (Dogiel & Kowalevsky) 5, 403, *rep.*
 reversal, in congenital heart disease, physiological response (Harris) 61, 509, *P.*
 forensic test for, (Sonnenschein) 7, 346, *rep.*
 formation, in bone marrow (Neumann) 9, 244, *rep.*
 gaseous exchanges, effect of intravenous injection of various substances (Schiremetjewski) 4, 176-7, *rep.* (dog)
 gases (Lepine) 7, 346, *rep.*
 amount in different arteries (Mathieu & Urbain) 7, 346-7, *rep.*
 in apnoea (Hering) 3, 467, *rep.* (cat)
 in asphyxia (Pflüger) 3, 467-8, *rep.* (dog)
 and lymph gases difference between (Tschiriew) 10, 646, *rep.* (dog)
 changes in passage through lungs (Müller) 5, 221-2, *rep.*
 diffusion between arterial and venous (Bernstein) 5, 404, *rep.*
 measurement (Eulenberg & Vohl) 2, 427, *rep.*
 in muscle (Ludwig & Schmidt) 4, 172-6, *rep.* (dog)
 phosphoric acid effect upon (Pflüger & Zuntz) 3, 468, *rep.*
 role, in coagulation (Mathieu & Urbain) 9, 420-1, *rep.*
 tensions, in animal organism, 7, 347, *rep.*
 in pulmonary capillaries (Wolffberg) 7, 347, *rep.*
 and glycaemia (Bernard) 9, 416, *rep.*
 groups, biological significance (MacConaill) 72, 472-3, *P.*
 haemopoietic, recovery after sublethal gamma irradiation with partial limb shielding, guinea pig (Osmond *et al.*) 98, 294-5, *P.*
 heat, specific, (Gamgee) 5, 139-41 (ox)
 letting, effects (Lorain) 5, 215, *rep.*
 leukaemic, hypoxanthin in (Reichardt) 5, 224, *rep.*
 and lymph vessels, peripheral communication between (Carter) 4, 97-118 (*comparative*)
 modification in passage through spleen (Malassey & Picard) 9, 416, *rep.*
 nitric oxide, expulsion from (Podolinski) 8, 197, *rep.*
 oxygen absorption by, at different barometric pressures (Bert) 10, 644-5, *rep.*; 8, 403, *rep.*
 oxygenation of (Hoppe-Seyler) 1, 358, *rep.*; (Schmidt) 2, 426, *rep.*

pulmonary, (Charles) 34, 238-47
 particles, minute, in normal (Nedsvetski) 7, 347, *rep.*
 pathology and physiology of (Muir) part I, platelets, 25, 256-77; part II, leucocytes, erythrocytes, 25, 352-73; part III, anaemias, leucocythaemia, lymphadenoma, 25, 274-504
 peptone, and in serum and chyle (Subbotin) 3, 469-70, *rep.*
 peripheral, foetal, changes (Thomas, Russell & Yoffey) 94, 576, *P.*
 pigments (Struve) 8, 198-9, *rep.*; (Béchamp) 9, 221, *rep.*
 formation of bile pigment from (Tarchanoff) 9, 241, *rep.*
 reduced, fluorescent derivative of (Stockvis) 6, 248, *rep.*
 and relation to iron in bile (Young) 5, 158-64; note on this paper by Gamgee, page 165
 properties (Hoppe-Seyler) 13, 242-3
 pressure, in arteries and heart (Fick) 8, 402, *rep.*
 in artery, pulmonary, nervous control of (Badaud) 9, 419-20, *rep.* (animal *expt.*)
 in capillaries of skin (von Kries) 11, 568, *rep.*
 in cranium in dogs (Leyden) 1, 360, *rep.*
 effects of baths of varying temperatures on (Rewnouw) 11, 551, *rep.* (dog)
 effects of breathing compressed air (Drosdoff & Karoff) 9, 416, *rep.*
 effect of caffeine, meat extract and potassium on (Aubert & Dehn) 9, 222, *rep.*
 effects of chloroform, ethidine and ether on (Coats, Ramsay & M'Kendrick) 13, 387-96 (*rabbit, dog, man*)
 effects of stimulation of the cerebral cortex on (Lépine, Rochefontaine & Tridon) 10, 620, *rep.* (dog)
 in heart and arteries (Fick) 8, 402, *rep.*
 and heart rate, (Bernstein) 1, 360, *rep.*; (Blasius) 8, 189, *rep.* (frog)
 relation to, and rhythm of beat (Tschiriew) 11, 550-1, *rep.*
 influence of cold drinks upon (Hermann & Ganz) 4, 325, *rep.* (dog)
 inspiration, erectile action on (Hoggan) 8, 203, *rep.*
 and nerve(s), splanchnic, effect of division of (Asp) 3, 211-12 *rep.* (dog, *rabbit*)
 vagus, influence (Dreschfeld) 2, 408-9, *rep.*
 and of superior laryngeal and sympathetic nerves upon (Aubert & Roeber) 3, 461-2, *rep.* (curarized animals)
 plethysmographic estimation of (von Basch) 11, 551-2, *rep.*
 and respiration (Schiff) 7, 347, *rep.* (expts); (Stefani) 11, 558-9, *rep.* (curarized dog)
 and sensory stimulation, action on (Heidenhain) 9, 222, *rep.*
 variations in different parts of the circulatory system (Fick) 8, 189, *rep.*
 and volume, relation (Müller, Goltz, Tappeiner) 9, 222-4, *rep.* (dog)
 and quinine (Binz) 8, 402, *rep.*
 replacement by saline (Horwath) 5, 402, *rep.* (frog)
 technique (Bernstein) 5, 402-3, *rep.* (frog)
 spectroscopy (Gwosdew) 2, 427, *rep.*
 action of prussic acid and potassium cyanide (Preyer) 2, 427, *rep.*
 stains, identification, 9, 221, *rep.*
 sulphocyanides in (Leared) 4, 181, *rep.*
 supply of individual organs, *see* name of organ
 temperature, in heart (Jacobson & Bernhardt) 3, 460, *rep.* (rabbit)
 in right and left ventricles (Bernard) 8, 431, *rep.*

Subject Index

Blood, (cont.)

- thymus barrier, observations (Bridges & Calvert) 100, 934, *P. (rat)*
- transfusion (Belina-Swiontkowski & Mittler) 4, 324, *rep.*; (Landois) 8, 405-6, *rep.* (*various animals* & *pike*); 10, 645, *rep.*; (Panum) 10, 646, *rep.*
- and autotransfusion (Lesser) 10, 645, *rep.*
- intra-peritoneal and fate of absorbed (Hunter) 21, 138-53, 21, 264-88, 21, 450-72 (defibrinated blood)
- urea in, decomposition of, (Istornin) 11, 555, *rep.*
- volume (Brozeit) 5, 402, *rep.*
- estimation, spectroscopic (Steinberg) 8, 197-8, *rep.* (*cat, dog, guinea-pig, rabbit*)
- total (Steinberg) 7, 347, *rep.*
- Welcker's method (Gschielden) 8, 403-4, *rep.* (*rabbits*)
- in relation to arterial blood pressure (Müller *et al.*) 9, 222-4, *rep.* (*dog*)
- venous and arterial, and air intrathoracic movements of, during cardiac cycle (Ceradini) 6, 235, *rep.*
- Blotting-paper models**, see *Models*
- Blow-fly**, see *Musca vomitoria*
- Blue, trypan**, see *Stains and staining*
- Boar**, reproductive organs (Griffiths) 31, 268-76
- Boatbill**, viscera and dermal structures (Murie) 6, 447, *rep.*
- Boderia Turneri**, observations on (Wright) 1, 335-8
- Body(ies)**, accessory, of Cajal, behaviour during depletion and restoration of Nissl material (Lindsay & Barr) 89, 47-62 (*cat*)
- carotid**, (Heppner) 4, 160, *rep.*
- cell, glomus, electron microscopy (Lever *et al.*) 91, 594, *P.*
- contribution of placode to, and to glossopharyngeal nerve (Batten) 94, 290, *P. (sheep)*
- development (Boyd) 69, 144-5, *P.*
- rat (Rogers) 99, 89-101
- and significance, amphibian (Boyd) 68, 154-5, *P.*
- histochemistry, and fine structure, cat, rabbit (Lever, Lewis & Boyd) 93, 478-90
- morphology, *The comparative morphology of the carotid body and carotid sinus* (Adams) 1958, 93, 556, *rev.*
- carotid sinus complex, monotremes (Dowd) 98, 494, *P.A.S.A.N.Z.*
- normal and hypoxic states, cytology, (Molyneux & Scott) 100, 942, *P.A.S.A.N.Z. (cat)*
- and paraganglia (da Costa) 69, 479-83 (*mammals*); 70, 190, *P.*
- researches (Pförtner) 3, 455, *rep.*
- structure, fine, and histochemistry, cat, rabbit (Lever, *et al.*) 93, 478-90
- vascularization, early (Boyd) 74, 556-7, *P.*
- chromaffin**, see also *Bodies, para-aortic*
- ciliary**, and accommodation (Norton) 8, 173, *rep.*
- coccygeal** (Meyer) 1, 356, *rep.*; (Banks) 2, 175, *rep.*; (Sertoli) 2, 397, *rep.*
- see also *Glomeruli caudalis*
- dense**, and mitochondria, relationship between in motor nerve cells, electron microscopic evidence (Hudson & Hartmann) 95, 288, *P. (rabbit)*
- epithelial**, of cervical region, in *Sphenodon* (Adams) 74, 57-71
- geniculate**, lateral, (Le Gros Clark) 67, 193, *P. (man, monkey)*; 76, 131-40; 76, 229, *P.*
- anatomy, comparative (Woollard & Beattie) 61, 415-23
- atrophy, transneuronal, quantitative, study (Goldby) 91, 567, *P.*

- blood supply, and note on morphology of chorooidal arteries (Abbie) 67, 491-521
- cell sizes, distribution (Chacko) 83, 254-66
- characteristics, sheep (Nichterlein & Goldby) 78, 59-67
- lamination, primates (Les Gros Clark) 67, 202, *P.*
- and cell content (Le Gros Clark) 75, 419-33 (*monkey*); 76, 225-6, *P.*
- structure in man, *Macaca, Lemur, Microcebus (Chacko)* 83, 56, *P.*
- optic fibres, termination in, cat (Glees) 75, 434-40; 76, 313-18 (*rabbit*); (Glees and Le Gros Clark) 75, 295-308 (*monkey*)
- demonstrations (Glees) 76, 229, *P.*
- in platyrrhine monkeys (Le Gros Clark) 76, 131-40; demonstration, 76, 229, *P.*; 67, 193, *P.*
- medial, laminae A and A₁ of the dorsal nucleus, cat (Peters & Palay) 100, 451-86
- neuronal architecture, cat (Morest) 98, 611-34
- laminar structure, cat (Morest) 99, 143-60
- and lateral tegmental system in midbrain, cat (Morest) 99, 611-34
- and nucleus isthmi (Le Gros Clark) 68, 139, *P. (t.o.)*
- and nucleus dorsal, of lateral lemniscus (Le Gros Clark) 67, 536-48; 68, 139, *P.*
- projection to cerebral cortex, macaque monkey (Walker) 71, 319-31
- glomus, see *Glomus*
- glycogen**, cord, spinal, chick, (Dickson & Millen) 90, 589, *P.*
- meningeal relationships, chick (Dickson & Millen) 91, 47-51
- of Golgi**, membranes at surface, in neurons, cephalopod (Young) 88, 554-5, *P.*
- human**, *Animal physiology: the structure and functions of the human body* (Cleland) 1874, 8, 384-5, *rev.*
- Unsere Körperform und das physiologische Problem ihrer Entstehung* (His) 1875, 9, 387, *rev.*
- composition, *Human body composition. Approaches and applications. Symposium for the Society of Human Biology* (ed. by Brožek) vol. VII, 1965, 100, 416-17, *rev.*
- Beiträge zur Anatomie des Menschen mit Beziehung auf Bewegung*, Heft I (Henke) 1872, 6, 432, *rev.*
- Kurloff's, nature (Barer *et al.*) 97, 140-1, *P.*
- lamellar, in cytoplasm of Schwann cells (Thomas & Slatford) 98, 691, *P. (dem.) (rabbit)*
- loose, in knee-joint, suggested origin (Corner) 49, 429-33
- mamillary**, cell/fibre relationship, quantitative study (Guillery) 89, 19-32 (*cat, rabbit*)
- cell/fibre relationships, quantitative study, rabbit, cat (Guillery) 88, 555, *P.*
- midbrain, connexions (Cowan *et al.*) 98, 345-63 (*rabbit, rat*)
- nuclei, mammals, man (Rose) 74, 91-115
- peduncles, see *Peduncles of corpora mamillaria*
- Pachionian**, see *Granulations, arachnoid*
- para-aortic**, abdominal, post-natal fate (Coupland) 88, 455-64
- abdominal, development, prenatal (Coupland) 86, 357-72; 86, 473-4, *P.*
- adrenaline and noradrenaline content, foetal (Coupland) 86, 498, *P.*
- fate, post-natal (Coupland) 87, 452-3, *P.*
- para-ganglionic**, see also *Bodies, para-aortic*
- paraterminal**, *Lacerta viridis* (Goldby) 67, 192-3, *P.*
- pineal**, *The pineal organ* (Gladstone & Wakeley) 1940, 74, 560-1, *rev.*
- ancestry, in relation to innervation of median eyes (Shute) 91, 569-70, *P.*

Subject Index

Body(ies), pineal (*cont.*)

- in brain of *Plagiostomata* (Ehlers) 13, 268 (*t.o.*); comment by Turner, 13, 284
- and cysts, pineal (Cooper) 67, 28-46; 66, 142, *P. (t.o.)*
- development and histogenesis (Gladstone & Wakeley) 69, 427-54; 69, 143, *P. (t.o.)*
- and structure (Gladstone & Wakeley) 69, 143, *P. (t.o.)*
- in amphibia (Cameron) 37, lxxviii-lxxix, *P.*
- homografts, rabbit (Holmes) 89, 576, *P.*
- iris, reactions to foetal (Holmes) 90, 567, *P. (rabbit)*
- monoamine oxidase in, albino rat (Smith) 97, 81-6; 97, 142, *P.*
- nervous and vascular relations (Le Gros Clark) 74, 471-92 (*macaque*), 74, 557, *P.*
- of *Petromyzon fluviatilis* (Whitwell) 22, 502-4
- region of, in a series of human embryos (Harris) 74, 559, *P. (dem. only)*
- relationship to reproductive system (Abd-El-Malek) 73, 419-23 (*rat*)
- striated muscle fibres in (Kenney) 99, 945, *P. A.S. A N Z (cattle, rat, bat, man)*
- structure (Grandry) 2, 398, *rep.*
- comparative study (Hagemann) 7, 330, *rep.*
- uptake of radioactive tracers (Reiss *et al.*) 83, 81, *P.*
- vascular and nervous relations (Le Gros Clark) 74, 471-92 (*macaque*), 74, 557, *P.*
- in walrus and seal (Turner) 22, 300-3
- ultimobranchial, of *Lacertilia* (Adams) 74, 57-71
- parathyroid-like activity, experimental investigation, chick (McFarlane & Scothorne) 99, 412, *P.*
- and parathyroid duct of Peper (Robertson) 54, 166-9 (*cat, dog*)
- vertebral, erosion, nuclear (Cave) 67, 209-10, *P.*
- vitreous, (Evatt) 66, 140, *P.*
- cattle, phase-contrast microscopy (Pirie, *et al.*) 86, 474-5, *P.*
- development, demonstration (Robinson) 37, lxxvii, *P. (t.o.)*
- development in chick embryo (Morel) 61, 519, *P. (dem.)*
- histology (Ewart) 9, 166-8 (*ox, sheep, rabbit, kitten, frog*); (Younan) 19, 1-15 (*cat, cod, ox, rabbit, rat, sheep*)
- lymph vessels (Schwalbe) 8, 174, *rep.*
- structure, adult (Smith) 4, 159-60, *rep.*
- weight, relation to brain weight (Lapicque) 33, 352 (*ref. only*)
- Wolfian, *see* Mesonephros
- Bombinator, column vertebral (Howes) 24, xviii-xviii, *P.*
- variation of sacrum in (Howes) 24, xvi-xvii, *P.*
- Bone(s), *see also* Osteology; and under names of bones
- L'organisation des os* (Lacroix) 1949 85, 103-4, *rev.*
- An introduction to skeletal tissue* (McLean & Urist) 1955, 90, 155-6, *rev.*
- abnormalities, rare, Grant Medical College, Bombay, (Motwani) 71, 131-3, *anat. not*
- absorption of (Rustizky) 8, 387, *rep.*
- by means of giant cells (Morison) 8, 425, *rep.*
- (Rustizky) 8, 425, *rep.*
- and interstitial growth (Kollicker) 8, 387, *rep.*
- (Heuberger) 9, 388, *rep.*
- properties of medullary tissue (Feltz) 7, 167, *rep.*
- surfaces (Kollicker) 7, 167, *rep. (infant, calf, madder-fed pig, dog)*
- architecture (Wolferrmann) 7, 326, *rep.*
- internal (Zaayer) 6, 435, *rep.*
- with relation to growth (Wolff) 5, 192, *rep.*
- spongy (Meyer) 2, 392, *rep.*, (Langerhans) 9, 244, *rep.*

- trabecular, (Langerhans) 9, 190, *rep.*
- x-rays, stereoscopic (Haughton & Dixon) 37, lxi-lxi, *P.*
- atrophy, neural factoris (Brookes & Irving) 96, 413, *P.*
- avian, embryonic, effect of commercial parathyroid extract, *in vitro* (Hancox) 95, 411-15
- structure, fibrous (Pratt) 92, 639-40, *P.*
- of *Balaenoptera rostrata* (Perrin) 6, 445, *rep.*
- The biochemistry and physiology of bone* (edited by Bourne) 1956, 91, 144-6, *rev.*
- blood supply (Harris) 64, 3-4; 64, 123, *P.*
- canaliculi (Mulligan) 92, 672, *P.*
- demonstration (Colquhoun) 34, 84-9
- cancellous, changes in first regional lymph node after homografts and autografts of (Burwell) 94, 455, *P. (rabbit)*
- fresh, changes in first regional lymph nodes draining second-set homografts and autografts of (Burwell) 95, 607-8, *P.*
- homografts-autografts, composite, after transplantation to a muscular site, further studies (Burwell) 97, 146, *P. (rat)*
- homologous, combined with autologous red marrow after transplantation to a muscular site (Burwell) 95, 613, *P.*
- see also* Grafts, grafting
- carcinoma, primary, 1 case, (Maguire) 15, 496-501
- cartilage (Heitzmann) 7, 327, *rep.*
- cell volume, circulating red (Brookes) 99, 409-10, *P. (rat)*
- and connective tissue, development, nutrition and relation (Redfern) 32, 96-108; 32, ix, *P. (t.o.)*
- of *Cetacea* from Léognan (Delfortie & Fischer) 7, 173, *rep.*
- changes, independent, and in muscles (Dobson) 19, 16-23 (*marsupials & mammals*)
- circulation, *see* Circulation
- cleaning, method, rapid (Green) 69, 152, *P. (dem.)*
- cohesion (Raubert) 9, 443, *rep.*
- coloration by madder feeding (Strelzoff) 8, 425, *rep. (pigeons)*
- collagen fibre patterns, mammal inc. man (Smith) 94, 329-44
- compact, corpuscles and nerves (Joseph) 4, 300, *rep. (guinea-pig, triton)*
- composition (Aeby) 6, 464, *rep. (man, animal)*
- on calcium phosphorous deficient diets (Weiske & Wildt) 8, 425, *rep.*
- effect of diet upon (Papillon) 5, 225, *rep.*
- chemical (Maly & Donath) 8, 425-6, *rep.*
- in relation to food (Weiske & Wildt) 9, 244, *rep. (lambs)*
- in deficiency of phosphoric acid or lime (Weiske) 6, 464, *rep. (goat)*
- phosphate, 7, 357, *rep.*
- in relation to diet (Weiske-Proskau) 7, 357, *rep.*
- cortex, vascular architecture (Brookes) 95, 615, *P. (mammals)*
- A study of the development and structure of the vertebrate skeleton* (Murray) 1936 71, 552, *rev.*
- development (Kutschin) 5, 192, *rep.*; (Dubruel) 6, 435, *rep.*; (Redfern) 31, xxxiii, *P. (t.o.)*
- in membrane and cartilage (Stieda) 7, 326-7, *rep.*
- endogenous and exogenous factors, grey-lethal mouse (Gruneberg) 71, 236-44
- and growth (Todd) 47, 177-88
- diet effects of postnatal reduced pigs (Morrison & McCance) 88, 566, *P.*
- digestibility (Etzinger) 9, 428-9, *rep. (in vitro & dog)*
- diseases, in foetus, 37, 299, *rep.*
- elasticity, factors affecting (Smith & Walmsley) 93, 503-23 (*man, horse, ox, sheep, dog*)

Subject Index

Bone(s), elasticity (*cont.*)

- after-effect, plasticity and fatigue (Smith & Walmsley) 91, 603, P.
- tissue (Renaut) 10, 442, *rep.*
- endosteal, formation, oestrogen-induced and marrow vascularization, mice (Brookes & Lloyd) 95, 220-9
- of *Eschrichtius robustus* (Flower) 7, 173, *rep.*
- fat and muscle, in limbs, quantitative interrelationships, radiology (Tanner *et al.*) 93, 563, P.
- foetal, growth of diaphyses (Landois) 3, 447, *rep.*
- formation, 10, 653, *rep.*; (Gegenbaur) 2, 392 *rep.*; (Slessor & Wyburn) 81, 393-4, P.; 81, 62, P.
- appositional, quantitative microscopic study using tetracycline markers, dog (Lee) 98, 665-77
- cytology and histology, rat, and of cartilage (Pritchard) 86, 259-77
- heterotopic, following transplantation of homografts (Johnson & McMinin) 89, 450-6; 89, 559 P. (*dog, cat*)
- new, stimulation (Pritchard) 80, 235, P. (*rat*)
- from periosteum (Philippeaux) 7, 357, *rep.*
- stresses, mechanical, role, *in vitro* (Glucksmann) 76, 231-9, (*Chick embryo*)
- and transformation of (Virchow) 9, 443, *rep.*
- gap, repair (McClements, *et al.*) 95, 616, P. (*rat*)
- gland, parathyroid, local action in intracerebral grafts (Barnicot) 82, 233-48 (*mouse*)
- glanders, in chronic (Sharp) 29, 492-3
- growing, alizarin staining of, interpretation of results (Hoyte) 91, 591, P.
- growth *see* Growth
- Haversian pattern, evolution (Crawford) 74, 284-99
- heterotopic, experimental production (Wyburn & Bacsich) 81, 381-2, P.
- histogenesis (Stump) 50, 136-54
- hydrogen peroxide for cleaning (Buchanan) 27, ix, P.
- induction, and cartilage induction, rabbit (Bridges & Pritchard) 92, 28-38
- in experimental renal ischaemia (Bridges) 90, 595, P.
- by implants, devitalized, under kidney capsule, of urinary bladder, rabbit (Bridges & Pritchard) 90, 563, P.
- under kidney capsule, of fracture callus, epiphyseal cartilage and other tissues, rabbit (Bridges & Pritchard) 90, 563, P.
- interparietal, 1 case (Curnow) 22, xviii, P.
- and implements, found at Håstefjord (Kinberg) 4, 332, N. (*man, & various animals*)
- lactic acid, effect of ingested (Heiss) 11, 569-70, *rep.*
- long, absence, congenital, with double harelip (Stouffs) 34, 422, *rep.* (1 case)
- blood supply, microradiology (Brookes & Harrison) 90, 564, P. (*rat, rabbit*)
- oestrogen-treated mice (Brookes & Lloyd) 94, 286, P.
- changes, histological, dwarfed by undernutrition (Pratt & McCance) 92, 655, P.
- epiphyses, articular (Parsons) 39, vi, P.
- extremities, effect of undernutrition, and its relief, pigs (Pratt & McCance) 98, 294, P.
- foetal, chondrogenesis (Pratt) 92, 646-7, P.
- foramen, nutrient (Hughes) 84, 68, P.
- position and direction of nutrient canal, in madder-fed pig (Payton) 68, 500-10
- growth, *see* Growth
- ischaemia, partial, experimental, sequelae, rabbit (Brookes) 94, 552-61; 93, 576, P.
- length in proportion to height, in Hindus (Pan) 58, 374-8

- measurements of, in reconstruction of height of pre- and protohistoric races (Rahon) in *Mémoires de la Soc. d'anthropologie de Paris*, 2nd series, vol. IV, 1893, 29, 142, 144, *rev.*
- necrosis in, incidence, diaphyses, in relation to growing end (Helferich) 13, 234-5
- ossification, showing two centres and two nutrient foramina (Evatt) 63, 176, P. (*t.o.*)
- 'perichondrial zone,' significance, rat (Pratt) 93, 110-22
- radiological investigation of epiphyses (Paterson) 64, 28-46
- rudiments, development, histological, chick, (Pask) 69, 145, P.
- shaft, effects of severe undernutrition, and its relief, pig (Pratt & McCance) 98, 471, P.
- sinusoids, juxta-epiphyseal, foetal rat (Brookes & Landon) 97, 473, P.
- vascularization, foetus (Brookes) 92, 261-7; 91, 604, P.
- markings, minor (Frazer) 40, 267-81
- Bone marrow** (Robin) 8, 387, *rep.*; 8, 425, *rep.*
- Das menschliche Knochenmark, seine Anatomie, Physiologie und Pathologie nach Ergebnissen der intravitalen Markpunktion* (Rohr) 2nd ed. 1949. 85, 298-9, *rev.*
- anoxia, effect (Batten *et al.*) 88, 576, P.
- arteries, thick-walled and thin-walled (Yoffey) 96, 425
- blood-borne cells and lymphocyte turnover, in anaemic guinea-pigs, radio-autography (Osmond) 99, 208, P.
- blood vessels, guinea-pig (Yoffey) 93, 576, P.
- and oestrogen-induced endosteal bone formation in mice (Brookes & Lloyd) 95, 220-9
- cells, mitogenic effect of phytohaemagglutinin, rat (Meban *et al.*) 100, 424, P.
- reticulo-endothelial in, guinea-pig (Hudson & Yoffey) 97, 409-16
- cellularity, skeleton, different regions, guinea-pig (Hudson) 93, 590, P.
- development, in human foetus (Yoffey & Thomas) 95, 613, P.
- effect of thymus shielding on, irradiated guinea-pigs (Adams) 99, 208-9, P.
- endothelium, sinusoidal, lymphocytes in transit through (Hudson & Yoffey) 100, 423, P. (*guinea-pig*)
- eosinophils: ultrastructure of specific granules (Hudson) 99, 928-9, P.
- erythroblasts, foetus (Thomas) 97, 478-9, P.
- foetal, changes (Yoffey, Thomas & Russell) 94, 576, P.
- in relation to formation of blood (Muir & Drummond) 28, 125-41; 9, 244, *rep.*
- effects of cortisone compound E and compound A, guinea-pig (Yoffey *et al.*) 86, 494, P.
- & F, guinea-pig (Yoffey, *et al.*) 88, 115-30
- effect of hypoxia (Hudson) 92, 659-60, P. (*guinea-pig*)
- histology following intravenous injection of fine carbon suspension (Hudson & Yoffey) 97, 145, P. (*guinea-pig*)
- lymph drainage (Fuller & Munro) 98, 485, P.A.S.-A.N.Z. (*cat*)
- lymphocytes in, guinea-pig (Yoffey) 91, 585, P.; (Yoffey *et al.*) 99, 841-60
- increased, and transitional cells, experimental production, (Jeffreys *et al.*) 100, 423, P. (*guinea-pig*)
- rabbit (Yoffey & Parnell) 78, 109-12
- red, autologous, combined with homologous cancellous bone after transplantation to a muscular site (Burwell) 95, 613, P.
- chemistry (Hutchison & Macleod) 36, 292-5

Subject Index

Bone marrow (cont.)

- red-cell volume, circulating, normal, guinea-pig (Osmond & Everett) 97, 618, P.
 volume, cat (Hudson) 94, 274-8
 guinea-pig (Hudson) 92, 150-61; 91, 585-6, P.
 measurement, human foetus between 29 weeks and full-term (Hudson) 98, 463, P.
- Bone(s)**, membrane, of human face (Callender) 3, 195, *rep.*
 metabolic disease, *Dynamic studies of metabolic bone disease* (Pearson & Joplin, eds.) 1964, 99, 675, *rev.*
 morphogenesis, and posture (Appleton) 59, 81, S.P.
 in muscle vastus lateralis (de Lima) 47, 414-24
 nerve supply, (Hurrell) 72, 54-61 (*kitten, guinea-pig, rat, mouse, cat*); 72, 144, P.
 nutrition (Redfern) 31, xxxviii, P. (t.o.) (Harris & Russell) 68, 140, P.
 outgrowth of, from femur around a needle (Fawcett) 28, 464, *anat. not.*
 perichondrial and periosteal, fibres, osteogenic (so-called) of Ranvier's ossification groove and their relation to fibres of (Pratt) 91, 591, P. (*rat*)
 physical properties (Hülse) 33, 500 (*ref. only*)
 plates, fibrous epiphyseal in, mammals (Smith) 95, 280, P.
 postmortem, artificial changes (Thompson) 63, 160, P.
 preparation, by burial in sand (Cleland) 25, xviii-xviii, P.
The radiology of bones and joints (Brailsford) 1934, 68, 573-4, *rev.*
 repair, salamander (Bowden & Pritchard) 90, 572-3, P.
 principles (Pritchard) 93, 564, P.
 and transplantation (M'Gregor) 26, 220-30 (*rabbit*) of *Rhea americana* and *Rhea darwini* (Cunningham) 6, 447, *rep.*
 rider's, 1 case (Struthers) 22, xi, P.
 of Saurians, *Die Knochen und Muskeln der Extremitäten bei den slangenähnlichen Sauriern* by Fürbringer, 1870, 4, 285-6, *rev.*
 sections, stained by aniline blue (Ranvier) 9, 388, *rep.*
 strength, tensile, differences in various histological types (Currey) 93, 87-95 (*oxen femora*)
Stress and strain in bones. Their relation to fractures and osteogenesis (Evans) 1957, 92, 169-70, *rev.*
Bone structure and metabolism (Ciba Foundation) 1956, 91, 565, *rev.*
 comparative anatomy and heredity (Schmidt) 33, 500 (*ref. only*)
 evolution (Wright) 69, 89-90
 Young's Modulus, value in relation to variations in, (Walsley & Smith) 91, 603, P.
 sulphur, radioactive (³⁵S) distribution (Davies & Young) 88, 174-83 (*rat*)
 trabeculae, arrangement (Wagstaffe) 10, 441-2, *rep.*
 transplants, fate and revascularization (Nevin) 91, 591-2, P. (*rat*)
 tubular, growth, and cortical vascularization, foetal (Brookes) 97, 597-609
 tumours, malignant, (Maguire) 15, 405-21
 primary resembling scirrhous carcinoma of the breast (Barling) 16, 43-6
 vascular patterns, mammalian (McAdam) 97, 646-7, P.
 and vitamin A, local action (Barnicot) 84, 374-87
 and vitamin C deficiency, partial and total, studied with muscle, guinea-pigs (Murray & Kodicek) 83, 153-74; 83, 205-23; 83, 285-95
 water content, variations at microscopic level (Smith) 97, 642-3, P.
- Book reviews**, see Name of Author or Subject

- Books, early anatomical and medical, Leeds University Library (Offer) 73, 669, P. (*dem.*)
Bothriocephalus, development (Knoch) 4, 307, *rep.*
 Bottles, glass, for preservation of specimens (Buchanan) 27, vii-viii, P.
Boutonnière mylohyoid, see Gland, sublingual, herniation
 'Bouton' method, centres optic, primary, in rat, (Nauta & van Straaten) 81, 127-34
Boutons terminaux, in cord, spinal, cervical region, statistical study (Pearce & Glee) 89, 562, P.
 size in 6th cervical segment, cat (Pearce) 90, 566, P.
 in cortex, cerebral (Meyer, A. & M.) 79, 180-5
 autolytic changes, dog (Smythies & Inman) 94, 241-3
 and degenerating nerve fibres, simultaneous demonstration in spinal cord (Sterling & Kuypers) 100, 723
Brachycephaly, and dolichocephaly, causation (Macalister) 32, 334-40
 evolution (Parsons) 59, 72-3, S.P.
 and suture, coronal, absence, 1 skull (Rau) 69, 109-112; 69, 140, P. (t.o.)
Brachydactyly, 31, 461, 462, *rep.*; 33, 523-4, *rep.*; 35, 505, *rep.*; 38, 371, *rep.*; 42, 138, *rep.*; 43, 123, *rep.*; 44, 105-6, *rep.*; (Eccles) 44, ii, P. (t.o.); (Stacey) 72, 456-7
 one case, (Kidd) 44, 64-6; 44, i, P. (t.o.)
 hereditary (Webb) 35, 487-8
 in females of 7 generations, 36, 306, *rep.*
 and hyperphalangy in one hand, 35, 505 *rep.*
 and partial syndactyly, in 1 hand (Lehmann-Nitsche) 39, 509-10, *rep.*
Brachymelia, 44, 107, *rep.*
 calf, 43, 124, *rep.*
Brachyphalangy (Pfitzner) 34, 422-3, *rep.*
 and syndactyly, double proximal phalanx in middle fingers, (1 case, male) (Cockayne) 67, 165-7
Bradycardia, in jaundice, cause (Legg) 11, 552-3, *rep.* (*frog.*)
Bradypodidae, carpus (Flower) 7, 255-6
Bradyptus tridactylus (three-toed tree sloth), myology of (Macalister) 4, 162, *rep.*
Brahmans, *Anthropology of the Todas and Kotas of the Nilgiri Hills and of Brahmans, Kammalans, Pallis and Pariahs of Madras City* (Thurston) 1896, 30, 584-5, *rev.*
Brain, *Anatomie comparée du cerveau* (Anthony) 1927, 1928, 62, 515-16, *rev.*
Brain and mind, or the nervous system of man (Berry) 1928, 63, 389-90, *rev.*
A cerebral atlas . . . (Berry) 1938, 73, 501-2, *rev.*
A stereotaxic atlas of the chimpanzee brain (Pan satyrus) (DeLucchi et al.) 1965, 100, 211-12, *rev.*
Mind and Brain: or the correlations of consciousness and organisation (Laycock) 2 vols, 2nd ed., 1869, 4, 148, *rev.*
Mechanism of the brain and the function of frontal lobes (Bianchi, trans. by MacDonald) 58, 282-3, *rev.*
A guide to operations on the brain (Fraser) 1890, 26, 276-7, *rev.*
The structure and function of the brain and spinal cord, being the Fullerton Lectures for 1891, (Horsley) 1892, 27, 289-90, *rev.*
Präparation des Gehirns (Inke) 1961, 96, 133, *rev.*
Brain preparations, by means of defibrillation or blunt dissection (Hultkrantz, trans. by Wilkinson) 1935, 70, 586, *rev.*
Progress in brain research, vols. 1-3, 1963, 99, 181, *rev.*; vols. 4 and 5, 1964, 99, 189, *rev.*; vol. 8, 1964, 99, 190, *rev.*; vol. 10, 1964, 99, 676, *rev.*

Brain, (cont.)

The development of the brain and its disturbance by harmful factors (Klosovskii) 1963. 99, 183-4, *rev.*

abnormal, child (Beattie) 69, 138, *P.*

anatomy, new, (Bell) 3, 147-182

 surface (Benedikt) 25, 210-21

anterior end, morphology, and of neuropore (Hill & Watson) 59, 12-13, *S.P.*

aphasia, motor, with deafness, 1 case (Windle) 21, 79-83

arteries, *see* Arteries, of brain

asymmetry, and of skull (Elliot Smith) 41, 236; 41, iv, *P.* (June 1906) (*t.o.*)

blood supply, effect of posture and disease on (Gonski) 98, 485, *P.A.S.A.N.Z.*

see also Arteries, of brain

capillaries, new staining method, application to regional localisation of mental disorder (Pickworth) 69, 62-71

cell degeneration during ontogenesis, rabbit (Källén) 89, 153-61

changes, secondary to anophthalmia and optic atrophy (von Leonowa) 28, 374-5, *rep.*; 28, 380, 381, *rev.*

inflammatory, experimental (Popoff) 10, 621-3, *rep.* (*dog, rabbit*)

pathological, in typhus (Popoff) 10, 621-3, *rep.* (*dog, rabbit*)

chemical composition (Thudicum) 10, 202-3, *rep.*

chemistry (Thudicum) 3, 237, *rep.*

circulation (Bernstein) 6, 478-80, *rep.* (*dog*)

commissures in marsupials (Sander) 3, 458, *rep.*

connections, optic (Elliot Smith) 63, 164-5, *P.*

 with retina (Brown-Séquard) 9, 219, *rep.*

convolutions, *see* Gyrus, gyri

and cord, spinal, lymph and blood vessels of (Eberth) 4, 302, *rep.*

cortex, visual, results of extirpation (Hitzig) 9, 209-10, *rep.*

of deaf mute (Manouvrier) 34, 416, *rep.*

deeper parts, surface anatomy (Symington) 37, 241-50; 40, ii, *P.*

development in chick (Cleland) 10, 457-8, *rep.*

 abnormal, in 8 mm pig embryo (Baxter & Boyd) 72, 422-9; 72, 151-2, *P.*

 early, marsupials (Hill & Watson) 92, 493-7

 in man and higher vertebrates (von Milhalkovics) 13, 267 (*t.o.*); comment by Turner, 13, 280-1

 pre- and post-natal (Symington) 35, xxi, *P.* (*t.o.*)

dissections (Jamieson) 36, xxiv-v, *P.*

Anatomische Gehirnsektion (Komaromy) 1961. 96, 411, *rev.*

 film (Green & Willis) 69, 134, *P.*

 mounted (Green) 64, 128, *P.*

 to show tracts and fibres (Jamieson) 40, iii-iv, *P.* (*dem.*)

see also Stains and staining

drainage, venous, with special reference to the Galenic system (Schlesinger) 74, 142-3, *P.*

drawings, projection (Wilson) 28, 228-35

in embryo (Hensen) 13, 268 (*t.o.*); comment by Turner, 13, 281

experiments (Fournié) 7, 340, *rep.*; (Bartholomew) 9, 212, *rep.*; 9, 213, *rep.*

Fibre systems of the brain and spinal cord (Wright) 1952. 87, 216, *rev.*

foetal (14 weeks) description (Callender) 4, 247-55

 seven-month, models in gelatin and glycerine (Whitnall) 59, 69, *S.P.*

form and endocranial casts, criticism of recent work (Symington) 50, 111-30

fragments, negative staining for electron microscopy (Gray) 97, 309, *P.*

freezing, effects (Symington) 37, 97-106

functions (Goltz) 4, 182-4, *rep.* (*frog*); (Ferrier) 11, 542, *rep.*

 (collected papers) (Hitzig) 9, 207, *rep.* (*dog, ape, man*)

localization (Brown-Séquard) 9, 213, *rep.*; (Sander-son) 9, 213, *rep.*; (Ferrier) 9, 208-9, *rep.* (*ape, frog, fish*)

 (Dodds) 12, 340-63 (*dogs and other animals*); physiology, 12, 454-94, (*man, dog*); anatomy, 12, 636-60 (*man, dog*)

 in newborn (Soltmann) 11, 541-2, *rep.* (*dog, rabbit*)

grafting of spinal ganglia and nerve fragments, sciatic, into, influence on regeneration of nerve cells (Le Gros Clark) 77, 20-48 (*rabbit*)

growth, *see* Growth

heart and living eye (Weaver) 93, 570, *P.* (*TV dem.*)

histology, in insane (Major) 8, 173, *rep.*

homoplasty (Mann) 30, 1-35 (*insectivores, carnivores, rodents*)

hydromicrocephalic, anatomy (Hill) 19, 363-81

of an idiot (Bradley) 6, 65-75

 and skull (Gaddi) 3, 195

 microcephalic (Macnamara & Burne) 37, 258-65; 2 specimens (Cunningham & Smith) 29, ii, *P.*

implantation, portion of embryonic head (Glees) 75, 239-47 (*rabbit*)

infection, passage from nose to (Le Gros Clark) 64, 120, *P.*

injection of chromic acid into, effects (Nothnagel) 7, 177; 8, 179, *rep.* (*animals*)

 local, of corrosive and other fluids into, effects (Beaunis) 7, 177, *rep.* (*animals*)

lesions, effect on lungs (Brown-Séquard) 5, 403-4, *rep.* (*cat, guinea-pig*)

 unilateral, resulting in rotatory movements (Prevost) 4, 323, *rep.* (*animal*)

malformation, *Hatteria punctata* (*Sphenodon punctatus*) 42, 137, *rep.*

microcallosal, 1 case (Le Gros Clark) 63, 161, *P.*

and mind, relation (Cleland) 16, 491-2, *phys. not.*

monoamine oxidase in, albino rat (Smith) 97, 81-6; 97, 142, *P.*

morphology (Zuckerkindl) 13, 268 (*t.o.*), comment by Turner, 13, 270

 comparative, *Morphologische Untersuchungen am Gehirn der Chiroptera (Mammalia)* (Schneider) 1957. 92, 489-90, *rev.*

movements, anatomical and physiological localisation of, in (Jackson) 7, 340, *rep.*

nerve fibres, varicose structure of (Roth) 8, 173, *rep.*; (Obermeier) 8, 173, *rep.*

nerve stumps, peripheral (facial), grafted into, influence on regeneration of nerve cells (Le Gros Clark) 77, 251-9 (*rabbit*)

nerves, and cranial, development of (His) 31, xl, *P.* (*t.o.*) *P.*

and nervous system, a review (Garner) 15, 536-79

origin of vertebrate, from study of ammocoetes (Gaskell) 32, 513-53

pathology, experimental researches, *abs.* from West Riding Lunatic Asylum Medical Reports, 111, 1873 (Ferrier) 8, 152-5 (*cat, dog, rabbit, monkey*)

perivascular canals, structure (Lepine) 4, 150, *rep.*

physiology (Danilewsky) 10, 626, *rep.*

pithicoid abnormality of lateral sulcus and opercula of insula (Elliot Smith) 38 158-161

postmortem appearances of (Fleischmann) 6, 234, *rep.*

Subject Index

Brain, (cont.)

- preservation by Giacomini's method (Osler) 14, 144
 natural in ancient Egyptians (Elliot Smith) 36, 375-80
 by zinc chloride (Rolleston) 13, 232-3
 preserved, crystals from (Moore) 2, 180, *rep.*
 ratios, a critical evaluation of methods of derivation of (Keith) 29, 282-303; 29, x, *P.*
 reconstruction, with cranial nerves, 20 mm. human embryo (Gladstone) 65, 165, *P.*
 reflex actions of normal and abnormal (Luys) 10, 625-6, *rep.*
 senile, histology (Major) 9, 204, *rep.*
 changes, cytological, mouse (Andrew) 75, 406-18 and skull, relation (Ecker) 13, 266 (*t.o.*); comment by Turner, 13, 271
 specimens, dry (Trevelyan) 36, xxv, *P.*
 staining, *see* Stains and staining
 stem, *Cytoarchitecture of the human brain stem* (Olszewski & Baxter) 1954, 89, 424, *rev.*
The reticular formation of the brain stem (Brodal) 1957, 92, 167-8, *rev.*
A stereotactic atlas of the brain stem of the cat (Verhaart) Parts I and II, 1964, 99, 188, *rev.*
 in dicephaly, in newborn human foetus (Warner) 95, 617, *P.*
 functional analysis (Woollard) 62, 276-89 (*Tarsius spectrum*)
 lower, and pons, connexions, cortico-bulbar, anatomical analysis, cat (Kuypers) 92, 198-218
 reticular formation, corticofugal fibres to (Rossi & Brodal) 90, 42-62
 Brain-thyroid relationships, *Ciba Foundation Study Group no. 18* (ed. Cameron & O'Connor) 1964, 99, 403, *rev.*
see also Mental disease
 stimulation with constant currents to effects (Hitzig) 7, 175-6, *rep.* (*man, rabbit*)
 sulcus, insula and lateral sulcus, primate (Cunningham) 25, 286-91
 and temperature, body, regulation (Schreiber) 8, 398, *rep.* (*rabbit*)
 thalami, two optic, united (Valenti) 31, 457-8, *rep.*
 and thought, development of powers of, correlated with development of brain (Byrne) 9, 97-117
 topography (Broca) 13, 266 (*t.o.*); comment by Turner, 13, 270-1; (Jenkins) 39, 462-70; 39, 471-88
 in relation to surface anatomy (Féré) 13, 266 (*t.o.*); comment by Turner, 13, 272
 and skull (Symington) 43, ii, *P.* (July 1907) (*t.o.*)
 tracts, fibre, development, *Die Leitungsbahnen im Gehirn und Rückenmark des Menschen auf grund entwicklungsgeschichtlicher Untersuchungen* (Flechsig) 1876, 14, 257-66, *rev.*
 trauma, influence of cortisone, mouse (Field) 88, 556, *P.*
 tumour (Simon) 8, 399, *rep.*
 medullary or ganglionic (Osler) 15, 217-25
 variations, in histological structure of (Arndt) 13, 268 (*t.o.*); comment by Turner, 13, 280
 weight (Thurnam) 1, 149, *rep.*; 716 cases (Clapham) 8, 173, *rep.*
 and size, racial capacity, (Wilson) 13, 267 (*t.o.*); comment by Turner, 13, 281-2
 estimated from cranial capacity, in different races (Davis) 2, 396, *rep.*
 in insane (Clapham) 13, 267 (*t.o.*); comment by Turner, 13, 282
 relation, to body weight (Lapicque) 33, 352 (*ref. only*) and cortex, man (Leboucq) 61, 501, *P.*

- in, to height and body weight in man (Marshall) 26, 445-500 (1875 cases)
 to stature (Marshall) 10, 444, *rep.*
 bullet wound, effect (Harman) 37, xliii-xliv, *P.*
see also individual headings
 Brain of, aboriginal, Andamanese (Duckworth) 76, 223-4, *P.*
 Australian (Woollard) 63, 207-23
 4 specimens (Duckworth) 42, part I, 69-87; 42, part II, 176-97; 42, part III, 271-87
 endocranial cast (Packer) 83, 195-204
 growth (Woollard) 65, 224-41
 so-called girl aged 12 years (Shellshear) 73, 327-45
 alligator, American, vascularization, reptiles, IV (Craigie) 76, 347-55
 Australian (Macalister) 31, xxxviii, *P.* (*t.o.*); 32, iv, *P.* (*t.o.*)
 baboon, Chacma (Major) 13, 267 (*t.o.*); comment by Turner, 13, 279
 bird *Studies on the morphogenesis of the brain in birds* (Krabbe) 1952, 87, 325, *rev.*
 Bushman (Slome) 67, 47-58
 Bushwoman, Marshall's (Shellshear) 68, 128, *P.* (*t.o.*)
Carnivora (Gervais) 7, 172, *rep.*; (Benedikt) 13, 267 (*t.o.*); comment by Turner, 13, 273
 cat, foetal, 20 mm. in length (Thompson) 43, 134-45; (Thompson & Ritson) 43, i, *P.* (June 1908) (*t.o.*)
Ceratorhinus sumatrensis (Sumatran rhinoceros) (Garrod) 13, 268 (*t.o.*); comment by Turner, 13, 278
Chimaera monstrosa (Miklucho-Maclay) 4, 163, *rep.*; (Wilder) 13, 267 (*t.o.*); comment by Turner, 13, 284
 of chimpanzee (Cunningham) 31, xiii, *P.*
 female (von Bischoff) 13, 266 (*t.o.*); comment by Turner, 13, 277
 young, and anatomy ('Gumbo') (Dwight) 30, 312, 313-14, *rev.*
 Chinese, description, 3 specimens from Museum R.C.S. (Schuster) part I, 42, 351-74; (Schuster) part II, 43, 59-79; part III, 43, 161-81
 cyclops (Cleland) 12, 518-25 (*full-term human foetus, pig, lamb*)
 of *Dasyops sexcinctus* (Turner) 1, 313-15
 deer, Chinese water (Garrod) 13, 268 (*t.o.*); comment by Turner, 13, 278
Delphinapterus leucas (white whale) structure (Major) 13, 127-8
Diemyctylus viridescens (Gage) 28, 380, 382, *rev.* (*larval to adult*)
 Echidna (Symington) 30, xx, *P.* (*dem.*)
Echinorhinus spinosus (Jackson & Clarke) 10, 75-107, *rep.*
 of Edentata (Pouchet) 3, 458, *rep.*; 4, 162, *rep.*
 fish (Wilder) 13, 267 (*t.o.*); comment by Turner, 13, 283-4
 anatomy and homology (Fritsch) 13, 267 (*t.o.*); comment by Turner, 13, 284-5
 fossil animals, *Die Fossilen Gehirne* (Edinger) 1929, reprinted from *Ergeb. Anatomie Entwicklungsges.* 1929, Bd xxviii, Abth. III, 64, 254-6, *rev.*
 George Grote, F.R.S. (Marshall) 27, 21-68, errata, 27, 290
 gorilla (Broca) 13, 266 (*t.o.*); comment by Turner, 13, 277-8 (von Bischoff) 13, 266 (*t.o.*); comment by Turner, 13, 277, 278; (Fensch) 13, 266 (*t.o.*); comment by Turner, 13, 277 and 278

Subject Index

Brain of, (cont.)

- hedgehog, histology, use of Eddinger apparatus (Appajee) 70, 196-7, *P.*
- Indian, Asiatic, two specimens (Appleton) 45, 85-116
- Kenya native (Vint) 68, 216-23
- kiwi (Durward) 67, 194, *P. (t.o.)*
- lemurs, palaeontology (Le Gros Clark) 79, 123-6
- Macroscelididae* (Clark) 63, 159, *P. (t.o.)*
- man and carnivora (Benedikt) 13, 267 (*t.o.*); comment by Turner, 13, 273
- man, distinguished (Dwight) 13, 267 (*t.o.*); comment by Turner, 13, 270
- Manatus americanus* (Garrod) 13, 268 (*t.o.*); comment by Turner, 13, 278
- Marsupialia* (Gervais) 7, 172, *rep.*
- Megaptera novaeangliae* (humpback whale) surface features (Breathnach) 89, 343-54
- Monotremata* (Smith) 33, 309-42
- of *Notoryctes typhlops* (blind marsupial mole) (Fielding) 60, 464, *P.*
- orang-utan (von Bischoff) 13, 266 (*t.o.*); comment by Turner, 13, 277
- (Cunningham) 31, xiii, *P.*
- Ornithorhynchus* (Green) 72, 173, *P.*
- Ornithorhynchus paradoxus* (Turner) 30, 280-2
- Pithecanthropus*, cast (Dubois) 33, 273-6
- primate, *Mémoires sur le cerveau de l'homme et des primates* (Broca) 1888. 22, 498, *rev.*
- External morphology of the primate brain (Connolly) 1949. 85, 213, *rev.*
- rabbit, physiology (Christiani) 16, 142-3, *rep.*
- scaphocephalic, 2 subjects (Smith) 34, xlv, *P.* July 1899 (*t.o.*)
- sheep, *Anatomy of the sheep's brain* (Brigg) 1939. 74, 411, *rev.*
- The dissection and study of the sheep's brain* (Wilkie) 1937. 72, 467, *rev.*
- Struthio camelus*, *Studies on the morphogenesis of the brain in Struthio camelus* (Krabbe) 91, 295, *rev.*
- tadpole, effects of amputation, 33, 507-9, *rep.*
- Tarsius* (Woollard) 59, 94-5 *S.P.*
- of *Testudo geometrica* (South African land tortoise) external morphology (Schepers) 72, 535-55; blood vascular system of, 73, 451-95
- Ursus arctos* L. development (Anthony & Botez) 60, 449-59
- Branchial Arches**, see Arches, visceral
- Branchiobdella*, vascular system (Lankester) 12, 591-2
- Branchiostoma lubricum*, anatomy (Reichert) 5, 387, *rep.*
- Brandy**, effects on temperature, pulse and respiration of healthy men (Parkes) 9, 247, *rep.*
- Breath**, expired, organic matter in health and disease (Ransome) 4, 209-17
- Breathing**, muscles, scalene and sternomastoid, role (Campbell) 89, 378-86
- Breathlessness**, facial expressions in (M'Kenzie) 40, 51-5
- Breeding**, influence of previous sires (Bell) 30, 259-74 (*dog, horse, man, pigeon*)
- Bregma**, as central point for cranial measurements (Evatt) 74, 139, *P. (t.o.)*
- Broken Hill**, North-West Rhodesia, remains found in cave (Woodward) 59, 21-4, *S.P.*
- Bromal-hydrate**, action (Steinauer) 5, 203, *rep. (dog)*
- Bromates**, fate in the body (Rabuteau) 3, 221, *rep.*
- Bromides**, physiological effects and therapeutic uses (Bartholow) 6, 491-2, *rep. (man, animals)*
- Bromine**, chlorine and iodine, effect of intravenous and intra-arterial injections, (Blake), 4, 1-7 (*dog*)

- Bronchial tree**, *The anatomy of the bronchial tree* (Brock) 1946. 81, 121, *rev.*; 2nd ed. 1954. 89, 268, *rev.*
- Topographische Ausdeutung der Bronchien im Röntgenbild mit Berücksichtigung der neuzzeitlichen Nomenklatur*, (Esser) 1951. 86, 333, *rev.*
- in aquatic mammals (Brown) 92, 656, *P.*
- nerve endings, primates (Fisher) 97, 300, *P.*
- see also Bronchovascular segments; Lungs and other headings
- Bronchioles**, respiratory and terminal, accessory communications between (Lambert) 91, 573-4, *P. (cat, guinea-pig, man, rabbit)*
- Bronchogram**, mercury, after pneumonia (Styles) 31, xxxviii, *P. (t.o.)*
- Bronchovascular segments**, *The surgical anatomy of the bronchovascular segments* (Bloomer, Liebow & Hales) 1960. 95, 144, *rev.*
- Bronchus, bronchi**, branching (Huntington) 33, 502, *anat. not.*
- casts (Godlee & Stonham) 22, vi, *P.*
- elastic tissues (Miller) 40, 162-70: 70, v, *P. (t.o.)*
- eparterial, significance (Lucien) 61, 504, *P.*
- and lung, left, malformation, (Ratjen) 2, 176, *rep.*
- in *Phoca hispida* (common seal) casts (Brown) 88, 552, *P.*
- right, branches, relation to pulmonary artery, 130
- cases (Collective Investigation) 28, 70-3
- congenital absence, with absence of right lung and pulmonary vessels (Findlayson) 36, xxxviii, *P.*
- secondary in *Gallus domesticus* (Payne & King) 94, 292, *P.*
- see also Lungs
- Brucia**, see Brucine
- Brucine**, quaternary ammonium salts of, connection between chemical composition and physiological action (Brown) 2, 224-42, *rep.*
- Bryce Collection** of human embryos (Bryce) 74, 143, *P. (dem.)*
- Bryozoa**, marine, anatomy and development (Claparède) 5, 387, *rep.*
- development (Schneider) 4, 161, *rep.*
- observations (Nitsche) 6, 449, *rep.*
- Buccal cavity**, in *Ceratodus* (Allis) 66, 659-68
- Buds, limb**, development, early, in fowl (von Weel) 82, 49-57
- grafted, in chick, self-differentiation (Murray & Huxley) 59, 379-84
- hind, growth, dependence upon epidermis, *Xenopus laevis* (Tschumi) 91, 149-73
- trophoblastic, stromal, of human placenta (Boyd & Hamilton) 98, 470, *P.*
- Bufo bufo gargarizans*, see Anuran embryos
- Bulb, olfactory**, and accessory olfactory, connexions, *Testudo graeca* (Grecian tortoise) (Gamble) 90, 15-29
- connexions, (Le Gros Clark & Meyer) 80, 239, *P.*; (Goldby) 71, 332-55 (*Lacerta viridis*); (Gamble) 86, 180-96 (*Lacerta viridis*)
- central connexions (Powell et al.) 99, 791-813 (*rat*)
- degeneration, cell, transneuronal in, rabbit (Matthews & Powell) 95, 603, *P.*
- transneuronal, rabbit (Matthews & Powell) 96, 89-102
- lesions, reactions of olfactory receptors to (Le Gros Clark & Powell) 91, 571, *P.*
- Bulb, of penis**, function (Allen) 27, 235-6
- Bulla**, of two-spotted paradoxure (Flower) 7, 335, *rep.*
- Bundle of His**, see Bundle, atrioventricular

Subject Index

- Bundle, atrioventricular**, (Holmes) 55, 269-85 (*mammals*)
 development (Walls) 79, 45-7; 80, 237, *P.*; dissection 80, 221, *P.*
 demonstration (Keith) 40, xiv, *P. (t.o.)*
 innervation (Morison) 46, 319-27
 nerves (Bhargava & Williams) 98, 684, *P. (rabbit)*
 nervous component (Field) 85, 105-12; 84, 65, *P.*;
cat, 87, 451-2, *P.*
 position and connections, birds (Davies) 65, 164, *P.*
 ventricular part, development (Muir) 88, 381-91
auriculo-ventricular, *see* Bundle, atrioventricular
forebrain, medial, ascending fibres in, rat (Guillery) 91, 569, *P.*
longitudinal, medial, development and myelination (Keene & Hewer) 67, 522-35
olivo-cochlear of Rasmussen, and tracts, salivatory (Shute) 91, 585, *P. (cat, deer, pig, man, rabbit, rat)*
Burial, Bronze Age, near Stonehaven, Kincardineshire (McKenzie) 89, 579, *P.*
 customs in Angus (Boyd *et al.*) 99, 211, *P. (dem.)*
see also Mound, Remains
Burke, William, skull and reputed busts (Brash) 86, 494, *P.*
Burmese, crania, measurements, (Hodgkinson) 65, 96-107
Bursa, bursae, of biceps brachii, additional (Collins) 20, 30-1
 the fabricii in different birds (Davy) 1, 166, *rep.*
 loculated between semimembranosus and gastrocnemius (Barnard) 35, x-xi, *P.*
nasopharyngeal, description (von Lusckha) 2, 398, *rep.*
pharyngeal (Meyer) 48, 113
pre-patellar, calcareous body in 1 case (Buchanan) 28, 445-6
subcutaneous, large, cervical region, cat (Meyer) 48, 164
synovial, of knee joint (Bunn) 98, 493, *P.A.S.A.N.Z.* of limbs, upper, arrangement foetus, full term (Whittaker) 44, 133-6
Bush baby, *see Galago senegalensis senegalensis*
Bushman, brain (Slome) 67, 47-58
 mandible, growth changes (Wells) 66, 50-63
 occipital bone, growth changes (Tobias) 92, 652-3, *P.*
 curvature (Tobias) 92, 652, *P.*
 South African, racial differences, muscular (Pösch) 63, 280-1, *anat. not.*
 torus mandibularis (Drennan) 72, 66-70
Bushwoman, brain of Marshall's (Shellshear) 68, 128, *P. (t.o.)*
 dissection (Flower & Murie) 1, 189-208
Butyl-chloral, action on rabbits (Windelschmidt) 11, 570, *rep.*
Cacajao melanocephala (South American monkey) crania, reconstruction models (Fawcett) 67, 194, *P. (disc. only)*
Cachalot, *see* *Physeter*
Cadmium, and other inorganic substances, effects of intravenous and intra-arterial injections (Blake) 4, 201-8 (*dog*)
Cadmium chloride, effects of injections into testis, rabbit (Cameron) 99, 907-12
 and increased vascular permeability in reproductive organs, male rats (Clegg & Carr) 100, 696-7, *P.*
 sub-lethal doses, histological effect on kidney cortex, rabbit, rat (Foster & Cameron) 97, 281-8
 on testis, rabbit, rat (Cameron & Foster) 97, 269-80
Caduca uterina, *see* Placenta
Caecum, and appendix, in 100 subjects, (Martin) 33, ix, *P. (t.o.)*
 nature (Keith) 38, vii-xx, *P. (comparative study)*
 transposition, 43, 122, *rep.*
 blood-supply (Osman Hill) 83, 65-6, *P.*
 capacity (Charpy) 33, 354 (*ref. only*)
 conical, with terminal vermiform appendix (Fawcett) 29, 498-500
 double, cow, 43, 122, *rep.*
 foetal type, undescended, associated with absence of terminal ileal mesentery (Bennet & Rolleston) 25, 87-9 (3 cases)
 form (Parsons) 42, 30-9; 43, i, *P. (March 1907) (t.o.)*
 hypogastric, position (Buchanan) 27, 559-63 (1 case) of Hyracoidae, (Rewell) 83, 69-70 *P.*
 and ileo-caecal orifice (Thompson) 43, i, *P. (March 1907) (t.o.)*
 morphology, mammalian (Johnston) 54, 66-78
 paradoxure, two-spotted (Flower) 7, 335, *rep.*
 position, abnormal, 1 case (Aasar) 72, 579-83
 variation, demonstration (Bennett & Rolleston) 24, xix, *P.*
 volvulus (Keith) 37, ii, *P.*
Caenolestidae, classification (Abbie) 71, 429-36
Caesium chloride, effects of intravenous and intra-arterial injection (Blaque) 7, 201-9 (*rabbit*)
Caffeine, action (Leven) 3, 224, *rep. (man, animals)*
 on warm- and cold-blooded animals (Bennett) 8, 225, *rep.*
 difference, on *Rana temporaria* and *Rana esculenta* (Schmiedeberg) 9, 245, *rep.*
 effect on heart and blood-pressure (Aubert & Dehn) 9, 222, *rep.*
 effect on reflex activity (Meihwizeen) 8, 229-30, *rep. (frog.)*
 toxic effects (Perretti) 11, 208, *rep. (frog, cat, dog, rabbit)*
Calabar bean, action (Laschkewich) 1, 155, *rep.*
 on cardiac nerves (Arnstein & Sutschinsky) 3, 474-5, *rep. (animal)*
 on heart (Köhler) 8, 403, *rep.*
 physiological (Fraser) 1, 323-32
 in tetanus and strychnia poisoning (Watson) 2, 186, *rep.*
 and atropia, antagonism of (Arnstein and Satschinsky) 2, 425, *rep.*
 extracts, action on heart and spinal cord, (Roeber) 3, 475-6, *rep. (animal)*
see also Physostigmine
Calamoiochthys calabricus, external characters (Traquair) 5, 386, *rep.*
Calamus scriptorius, area postrema (Wilson) part I, 40, 210-36; part II, 40, 357-86; 40, vi, viii (*t.o.*)
Calcaneum, posterior surface, (Philip) 71, 153-4, *P.*
 varieties (Laidlaw) part I, 38, 133-43; part II, 39, 161-77
 secondary (Mercer) 66, 84-97; (Gruber) 6, 433, *rep.*
Calcar avis, in brain, mammalian (Elliot Smith) 33, xxvii, *P.*
Calcar femorale, and femur fracture (Thompson) 41, viii, *P. (January 1907)*
Calcarine fissure, *see* Sulcus, cerebral, calcarine
Calciferol, local action on bone (Barnicot) 85, 120-34
Calcium, addition to meat diet, species difference in response of thyroid to (Scott, M. G. & Scott, P. P.) 94, 284, *P.*
 estimation in serum (Pribram) 7, 190, *rep.*
 ion depletion, effects on ultrastructure, rat heart (Muir) 100, 437, *P.*

Subject Index

- Calcium, (cont.)**
radioactive, study of bone growth with (Tomlin, Henry & Kon) 86, 475, P.
revealing facial growth (Dixon) 93, 589, P.
uptake by fracture callus (Pritchard & Girgis) 89, 577, P.; (Pritchard) 88, 582, P. (rat)
salts, action when injected into blood (Blake) 8, 243-9 (dog)
- Calcium carbonate**, excretion in urine (Soborow) 7, 355, rep.
- Calcium chloride** (Rabuteau) 8, 218-19, rep. (dog)
- Calcium phosphate**, influence on transformation of albuminous substances, 9, 244, rep.
urinary origin of (Paquelin and Jolly) 11, 566, rep.
sites of deposition in experimental nephrocalcinosis (Fourman) 92, 662, P. (rat)
- Calculator**, for osometric index (Waterston) 33, 301-3
- Calculi**, biliary (Ritter) 7, 352, rep.
formation in bladder (Hoffmann) 10, 218, rep.
renal, stag-horn, 1 case (Russell) 8, 382
iron pigmented, 1 case (Sharp) 28, 447-8
weighing 1½ lbs, cut (Yeoman) 30, 527-9
urinary, structure and formation of 9, 241, rep.; (Humphry) 30, 296-311
- Calf(ves)**, bull-dog, 40, 293, rep.
- Callicebus personatus**, ileo-caecal region, and on morphology of mammalian caecum (Johnston) 54, 66-78
- Callithrix** (marmoset) skin, sexual, (Russell & Zuckerman) 69, 356-62
see also *Hapale jachus*
- Callomystax gagata** (bonyfish), stridulating apparatus of (Haddon) 15, 322-6
- Callorhynchus antarcticus** head (Kesteven) 67, 443-74
- Callus**, fracture, bone induction by implants under kidney capsule of, rabbit (Bridges & Pritchard) 90, 563-4, P.
cell morphology and histochemistry (Pritchard) 85, 426, P.
early, induction effects after grafting of under kidney capsule, rabbit (Bridges & Pritchard) 89, 580, P.
fine structure, rat (Cameron) 98, 494, P.A.S.A.N.Z.
uptake of radio-active calcium (Pritchard) 88, 582, P. (rat); (Pritchard & Girgis) 89, 577, P.
transplants, fate, rat, rabbit (Thompson) 92, 661, P.
- Calorification** in asphyxia (Bernard) 8, 427, rep.
- Calvaria**, see Skull-cap
- Calyces**, renal, gland-like structures (Johnson) 85, 416, P.
- Cambridge Museum**, anthropological notes (Duckworth) 34, xxxiv-xlv, P. July 1899
- Camelidae** (*Camelus dromedarius* L., *Camelus bactrianus* L. and *Lama glama* L.) membranes, foetal, full-term (Morton) 95, 200-9
arteries, coronary (Hill) 85, 421, P.
lobules and connective tissue of liver (Turner) 11, 354-6
Organ vomeronasal in (Minett) 60, 110-18
see also *Camelus dromedarius* L.
- Camelopardalis**, horns, viscera and muscles (Murie) 6, 446, rep.
- Camelus bactrianus** L., see Camelidae
- Camelus dromedarius** L., (dromedary) mating and birth (Morton) 94, 291, P.
thyroid gland, foetal, histological changes (El-Sheikh et al.) 100, 831
- Cameragraph**, drawing apparatus (Evatt) 42, 335-6; 43, ii, P. (July 1907)
- Camphor**, action (Harley) 7, 197, rep.
- Canadians**, modern, femur, lower end, and of American Indians (Siddiqi) 70, 410-12
- Canal, alimentary**, *The digestive tract: a radiological study of its anatomy, physiology and pathology* (Barclay) 1933. 68, 429, rev.; 2nd ed. 1936. 71, 551-2, rev.
Surgery of the digestive system in the rat (Lambert) 1965. 100, 206, rev.
of *Acipenser*, *Amia*, and *Lepidosteus* (Macallum) 20, 604-36
anatomy, topographical, 120 female, 280 male cases (Addison) 33, 565-86
behaviour of bacteria (Macfadyen) 21, 227-38 (review of literature), 21, 413-37 (in vitro and in vivo experiments)
of cat (Dexter) 33, ix, P. (t.o.)
cells, chromaffin (Singh) 98, 497-50
enterochromaffin, development, prenatal (Singh) 97, 377-87
effects of formalin after death (Waterston) 44, iii, P. (t.o.)
elephant, Indian (Miall & Greenwood) 13, 17-50
of *Erinaceus europaeus* (Carlier) 27, 85-107
Hindus (Pan) 53, 259-65; 54, 324-31
histology (Watney) 9, 204, rep.
horse (Shave) 43, v, P. (January 1908) (t.o.)
lipase in (Martin) 86, 497, P.
distribution, and of associated glands (Martin) 90, 440-54, (cat, dog, guinea-pig, rabbit, rat, mouse)
mesentery, development, in vertebrates (Robinson) 33, 434-70
motility (Todd) 63, 166-7, P.
nerves (Arnstein) 9, 233, rep.
nerve supply, extrinsic, experimental study, rat (Schofield) 91, 593, P.
'nodal' system of heart in muscular walls (Keith) 50, 1-3, P. (January 1915)
origin, in vertebrates (Gaskell) 40, 305-17
plexus, vascular, submucosal (Boulter & Parks) 93, 565, P.
radiological investigation (Kirkpatrick) 66, 140, P.
relative size of (Custor) 9, 204, rep. (man, other mammals)
of *Salmo salar* (salmon) (Barton) 34, 295-300; (Gulland) 35, 114-16 (Kingston) 36, 142-6
steroid metabolism in (Baillie) 100, 427, P.
variations (Harris) 57, 76-95
obliteration of part, 43, 122, rep.
3-day-old female (Waterston) 41, 147-8
multiple congenital atresia, 44, 104, rep.
- alveolar**, see Canal, dental
- anal**, anatomy, certain features (Walls) 89, 574-5, P.
epithelium, see Epithelium
innervation, intrinsic, considered with rectum (Holmes) 95, 416-22 (various animals); 94, 452, P.
and rectum (Symington) 46, 289-306
stenosis, and defective development of diaphragm (Fisk & Potter) 53, 26-31
- auditory**, see Meatus, auditory, external and internal
- birth**, structure minute, lower end, rabbit (Aumonier) 89, 566, P.
- carotid**, left, anomalous, 1 negro (Macalister) 37, 362-3
- cartilage**, patella, growth (Haines) 68, 45-64 (comparative); 71, 471-9
vascular (Hurrell) 69, 47-61; 69, 145, P. (t.o.)
patterns (Levene) 98, 515-38 (sheep)
- cervical**, of uterus, influence of first pregnancy on origin of physiological metaplasia (Reid) 100, 941, P.A.S.A.N.Z.

Subject Index

Canal, (cont.)
cranio-pharyngeal, man, anthropoids (Cave) 65, 363-7
 with asymmetrical maxillary sinuses (Cave) 64, 126, P.
dental, inferior, structure and position of (Fawcett) 29, 355-66, *errata* page 500
 superior anterior, (Wood Jones) 73, 583-91; 73, 667, P. (t.o.)
fascial, for small saphenous vein (Shah & Srivastava) 100, 411-13
gastric, and the human stomach, presence (Jefferson) 49, 165-81
Haversian, size, after sympathectomy (Fell) 83, 67-8, P.
hyaloid, relations, foetus and adult (Mann) 62, 290-6
infra-orbital, variations (Gruber) 9, 190, *rep.* (man, mammal)
lingual, (Lunn) 81, 383-4, P.
 adrenal bodies in (Lockwood) 34, 79-88
 adrenal structures from (Lockwood) 33, xvi-vii, P.
 development and anatomy (Lockwood) 22, 505-41
 in foetus and new-born (Curl & Tromly) 78, 148-9
 and influence of rotation of trunk on shutter mechanism (Parry) 99, 423, P.
 posterior wall, muscle cremaster and fascia cremasteric (Blunt) 85, 420-1, P.
intestinal, *see* Intestines
lacrimal, *see* Canal, nasolacrimal
latero-sensory, *see* Lines, lateral
mandibular, and mandibular and mental foramina, features (Gabriel) 92, 580-6
mastoid (facial) enlargement (Gruber) 10, 440, *rep.*
nasolacrimal, (Allis) 66, 649-58 (*vertebrates*)
nasopalatine, *see* Canals, palatine, greater
neurenteric, embryo, presomite with (embryo R. S.) (Odgers) 75, 381-8
 persistent, ectopia vesicae with (Davies) 76, 229, P.
 in presomite human embryo (Shaw) (Gladstone & Hamilton) 76, 9-44; 76, 228, P. (*disc. only*); demonstration, 76, 229, P.
 is one somite embryo (Ludwig) 61, 514, P. (*dem. only*)
nutrient, *see* Foramen, nutrient
optic, duplication, in juvenile skull (Warwick) 85, 289-91, *anat. not.*
palatine, greater, in the living adult (Hill) 80, 226, P.
penile, abnormalities (Taruffi) 27, 422, *rep.*
pericardio-peritoneal, development, *Selachians* (Goodrich) 53, 1-13
pleuro-peritoneal, closure, human and goat embryos (Morton) 87, 458-9, P.
semi-circular, anatomy and physiology of, in relation to rotation (Brown) 8, 327-31
 in fossil fish *Osteolepis* (Watson) 59, 77, *S.P. (t.o.)*
 function (Goltz) 5, 211, *rep.* (*frog, bird, rabbit*); (M'Bride) 17, 211-17
 in internal ear (Solucha) 8, 400-2, *rep.*
 section (Böttcher) 9, 416, *rep.*
 movements following (Böttcher) 8, 187-8, *rep.*; (Löwenberg) 8, 188, *rep.* (*rabbit*); 9, 220, *rep.*
 of spinal cord, *see* Cord, spinal
tarsal, ligamentous structures (Smith) 92, 616-20; 88, 585, P. (22 cases)
Canaliculus of bone, demonstration (Colquhoun) 34, 84-9
 lacrimal, defective, 43, 119, *rep.*
 development in *Crocodylus porosus* (Meek) 27, 151-60
 and punctum lacrimale, two, in cyclopia (Morton) 85, 410, P.
 and sac, structure (Robin & Cadiat) 10, 453, *rep.*

Cancer, breast, invasion of connective tissue by (Creighton) 14, 29-49
 of skin, *Krebs im Lichte Biologischer und vergleichend Anatomischer Forschung*, I. Band *Ectodermkrebs*, (Lartschneider) 1934, 68, 577, *rev.*
see also Carcinoma; Tumours; Neoplasms, and individual names
Cantharidin, effects on chick embryo, 35, 497, *rep.*
Capacity, cranial, calculated by a nomographical instrument, from Lee-Pearson formulae, (Hamilton) 78, 200-3; 81, 404, P. (*dem.*)
 variation in (Todd) 60, 472-3, P.
Capillaries, blood (Chrząnczewsky) 1, 148, *rep.*
Die feinsten Blutgefäße des Menschen (Müller) Erster Band, 1937, 72, 638, *rev.*
 bed, and artery size, relation, embryo, pig (Woollard & Harpman) 72, 18-21
 brain, investigation, new method, application to study of mental disease (Pickworth) 68, 149-50, P.
 cerebral, of *Siphonops* (Craigie) 76, 56-64
 of dental pulp, odontoblast layer (James) 89, 547-9 (*mammal, reptile, amphibian, fish*)
 blood-pressure in, in human skin (von Kries) 11, 568, *rep.*
 development (Arnold) 6, 437-8, *rep.*
 in heart, (Meigs) 33, 243-7
 in insects (Kunckel) 3, 459, *rep.*
 limb muscles, nerve supply, *Cavia* (Blair) 61, 498, P.
 and lymphatic, supposed connections between (Tarchanoff) 10, 208, *rep.*
 contractile elements in (Tarchanoff) 10, 207-8, *rep.* (*tadpole, frog*)
 nailbed, microcirculation, diagnostic photomicrography (Bosley) 97, 632-3, P.
 nerve endings in (Haycraft, Carlier & Schofield) 22, 133-4
 structure and origin (Stricker) 2, 397, *rep.*
 walls (Golubew) 3, 454-5, *rep.* (*frog*)
lymphatic, and blood, contractile elements in (Tarchanoff) 10, 207-8, *rep.* (*tadpole, frog*)
 supposed connections between (Tarchanoff) 10, 208, *rep.*
Capitate bone, os styloideum attached to 19/564 cases (Collective Investigation) 28, 65
 sub-capitate ossicle, bilateral (Dwight) 39, 510, *rep.*
Capra hircus (goat) development, early (Amoroso, Griffiths & Hamilton) 76, 377-406
 pre-natal, rate (Morton) 86, 482, P.
Capsule, articular, and surfaces and histology of (Hueter) 1, 151, *rep.*
 of hip joint, fibres, posterior, formation of and insertion of striped muscles (Frazer) 38, 170-85
 of knee joint, innervation (Samuel) 83, 80-1, P.
 autonomic and somatic (Samuel) 84, 408-9, P.
 sensation, role, histological and sensory examination, (Samuel) 84, 77, P.
 true (Higgins) 30, 289-91; 30, iv, P.
 of shoulder joint, defects, (Hepburn) 26, viii-x, P.
 fibrinoid, of rat placenta, and disappearance of decidua (Bulmer & Dickson) 95, 300-10
 internal, of cerebrum, and lentiform nucleus, development, man (Hewitt) 95, 191-9
 localization of efferents from Area 4 in, macaque (Glees) 83, 76, P.
Capuchin monkeys, *see* Cebus
Carapace, of *Chelonia*, development (Haycraft) 25, iii, P. (*S.M.S.*) (*t.o.*)
 histology (Haycraft) 25, ii, P. (*S.M.S.*) (*t.o.*)
 repair, in *Testudo graeca* (tortoise) (Gadow) 20, 220-41

Subject Index

Carayas, *see* *Alouatta*

Carbohydrates, digestion and absorption (Brüche) 7, 350, *rep.*
 effect upon circulating plasma phosphomonoesterase I level in young adults (Wilkinson) 98, 488-9, *P.A.S.A.N.Z.*
 feeding on, alone (Pettenkoffer & Voit) 8, 415-16, *rep.*
 fixation in rat placenta (Bulmer & Dickson) 93, 570, *P.*
 material, rat placenta (Bulmer & Dickson) 94, 46-58
 metabolism in liver, chick embryo (O'Connor) 86, 482, *P.*
 in relation to implanting rat embryo (Christie) 100, 930, *P.*
 relation to proteins (Hlasiwetz & Habermann) 6, 471, *rep.*
 tissue, sulphation technique for demonstration (Grillo & Lewis) 93, 581, *P.*
 vagina, components, normal and oestrogenic, during oestrogenic stimulation (Biggers) 87, 327-36
see also Diet
Carbolic acid, *see* Phenol
Carbon, elimination via bronchial tree, storage by rat liver macrophages, Kupffer cell migration (Nicol & Cordingley) 100, 922, *P.*
 replica study of ameloblast, enamel interface (Boyde) 100, 689-90, *P.*; 100, 705, *P. (dem.)*
 replica study of fractured dentinal surfaces (Lester) 100, 924, *P. (mammal)*
Carbon dioxide, absorption by neutral sodium phosphate (Setschenow) 9, 425, *rep.*
 action, physiological, (Leven) 4, 311-12, *rep.*
 distribution, between erythrocytes and plasma (Fredericq) 13, 243-4, *abs.*
 effect on apnoea (Filehne) 8, 409, *rep. (guinea pig)*
 effect on respiration of animals (Raoult) 11, 558, *rep.*
 and oxygen, influences on cardiac action (Cyon) 2, 183, *rep.*
 relation of excretion to body temperature (Erler) 11, 199-200, *rep. (rabbit)*
 source and excretion in liver (Charles) 19, 166-70
 state of combination in blood (Zuntz) 3, 468-9, *rep.*
 strychnia as an antidote to (Brown-Séquard) 7, 196-7, *rep. (guinea-pig)*
 variation of excretion and oxygen absorption during night and day (Pettenkoffer & Voit) 2, 181, *rep.*
Carbon monoxide haemoglobin *see* Carboxyhaemoglobin
Carbon oxide, used as an anaesthetic (Faure) 2, 184, *rep.*
Carbonic acid, excretion by lungs (Lossen) 1, 359, *rep.*
 in urine in fever (Ewald) 8, 421, *rep.*
Carbonic oxide, actions (Pokrowsky & Traube) 1, 154-5, *rep.*
 gas, poisoning by (Gamgee), 1, 339-46
Carboxyhaemoglobin, stability (Zuntz & Podolinski) 7, 346, *rep.*
Carcharias (shark), carotid artery (Burne) 59, 103-4, *S.P.*
Carchariidae, eyelid muscles (Ridewood) 33, 228-42; 33, 14, *P.*
Carcinoma, primary, of bone, 1 case, (Maguire) 15, 496-501
 effect on sensitivity of erythrocytes to nitrites (Metcalf) 94, 579, *P.*
 infiltrating, of mammary gland, 1 case (Barling) 17, 339-40
 primary and secondary, physiological characters (Waring) 28, 142-8
 scirrhus, of breast, primary tumour of bone resembling (Barling) 16, 43-6

Walker, and riboflavine and the haemoglobin nitrite sensitivity reaction (Metcalf) 97, 622-3, *P. (rat)*
see also Cancer; Tumours; Neoplasms
Cardiograph (Landois) 1, 156, *rep.*; (Donders) 2, 198-9, *abs.*
 tracings, from human chestwall (Garrod) 5, 17-27
 tracings obtained with sphygmograph and (Onimus & Viry) 1, 156, *rep.*
Cardioscope (Czermak) 4, 325, *rep.*
Cardio-sphygmograph, construction and use (Garrod) 5, 265-70
Cardiovascular studies, *see* System, cardiovascular
Carnivora, allanto-chorionic differentiation (Amoroso) 86, 481-2, *P.*
 brain (Gervais) 7, 171, *rep.*
 homoplasty (Mann) 30, 1-35
 cerebrum of (Pansch) 10, 445, *rep.*
 m. retractor bulbi (oculi) (Bradley) 68, 65-74
see also individual names
Carotid, *see* Rete, Labyrinth, Sinus
Carotid body *see* Bodies, carotid
Carpal bones, *see also* names of individual bones
 movements, varying positions part I (Johnston) 41, 109-22, part II, 41, 280-92; 41, iv, (June 1906) (*t.o.*)
 x-ray of normal, (Corson) 33, ix, *P. (t.o.)*
 variations (Turner) 17, 244-9; (Anderson) 17, 253-5
 accessory, bilateral, 1 case (Eisler) 34, 422, *rep.*
 styloid process as separate epiphysis (Gruber) 5, 192, *rep.*
 of lunate and triquetral bones in, in negro skeleton (Paterson) 27, xxii-iv, *P.*
 fusion of capitate or trapezoid (Cave) 60, 460-1
 and metacarpal bones, with congenital dislocation of elbow (Bellamy) 8, 383
 hand, additional bones (Gruber) 5, 375, *rep.*
 supernumerary (Gruber) 6, 433, *rep.*; 7, 167, *rep.*; (Johnston) 40, xvii, *P. (t.o.)*
Carpal region, multiple abnormalities, 2 subjects, (Johnston) 41, 59-65
 ossification (Woollard & Young) 72, 167, *P.*
Carpus, accessory *see* Carpus, variations
 arch, transverse, evolution and functional significance, man, and comparative (Hughes) 78, 167-72; 77, 120, *P.*
 fusion *see* Carpal bones, variations
 and hemimelia, radial, functional anatomy (O'Rahilly) 80, 179-83; 80, 232, *P.*
 mechanics and surgical applications (MacConaill) 75, 166-75
 movement, (Meyer) 1, 356, *rep.*
 variations, accessory ossicles, review, 35, 505-7, *rep.*
 secondary carpal bones in man (Gruber) 1, 357, *rep.*
 supernumerary (Gruber) 4, 150-1, *rep.*; 9, 190, *rep.*; (Struthers) 3, 354-9
 in human embryos, (113 hands) (Thilenius) 29, 468, *rep.*
Chiromys madagascarensis and certain other lemurs, articulations (Nayak) 68, 109-15; 68, 140, *P. (t.o.)*
 of *Colobus*, radiology (O'Rahilly) 81, 387, *P. (dem.)*
 of *Cryptobranchius Japonicus* (and tarsus) (van der Hoeven) 1, 185-6, *abs.*
 of dog (Flower) 6, 62-4
 of fin-whales and Greenland right whale (*Balaena mysticetus*) (Struthers) 29, 145-87
 of Greenland right whale (*Balaena mysticetus*) and of fin-whales (Struthers) 29, 145-87
 of sloths (Flower), 7, 255-6
see also Limb, upper

Subject Index

- Cartilage, and bone** (Heitzmann) 7, 327, *rep.*
 adventitious, effect of paralysis on development, embryonic and post-hatching chick, (Murray & Hall) 100, 937, *P.A.S.A.N.Z.*
articular, absorption into, rabbit (Barnett & Palfrey) 99, 365-75; 99, 197, *P.*
 chondrocytes, fine structure (Palfrey) 99, 929-30, *P. (rabbit)*
 chondrocyte function, mandibular condyle, rat (Greenspan & Blackwood) 100, 615-26
 effect of disuse (Meyer) 48, 149
 electron microscopy, young adult rabbit (Cochrane & Palfrey) 96, 421, *P.*
 growth of bone from (Humphry) 13, 86-90, lipid distribution (Hart & Silva) 100, 937, *P.A.S.A.N.Z.*
 normal and pathological (Ogston) 10, 49-74
 bone, and connective tissue, nutrition and relation (Redfern) 32, 96-108; 32, 13, *P. (t.o.)*
 relation to phosphate of lime (Aeby) 8, 426, *rep.*
 canals, in epiphyses, tibial, upper, patterns (Levene) 88, 561, *P.*
 changes, pre-ossific, (Rosenthal) 10, 653, *rep.*
 development (Redfern) 31, xxxviii, *P. (t.o.)*
 digestibility (Etzinger) 9, 428, *rep. (in vitro & dog)*
 formation, cytology and histology, and of bone, rat (Pritchard) 86, 259-77
Zur Histogenese des Knorpels: W. Roux's Theorie und die Experimentelle Wirklichkeit (Altmann) 1964, 100, 418, *rev.*
grafts, fate, and uptake of labelled sulphate, rabbit (Craigmyle) 91, 615, *P.*
 foreign, boiled, relation to transplantation immunity (Craigmyle) 92, 661, *P.*
 influence on repair of articular surfaces, vervet monkey (Allbrook & Kirkaldy-Willis) 92, 668-9, *P.*
 long-term, autoradiography and histochemistry, rabbit (Craigmyle) 92, 467-72
see also Cartilage, homografts, etc.
 growth, blood supply, young rats (Irving) 98, 631-9
 mandibular condyle, using ^3H -thymidine (Blackwood) 96, 414, *P. (rat)*
 plate, effects of starvation, septicaemia and chronic otitis media (Acheson) 93, 123-30 (*rat*)
 homografts, use of ^{35}S in (Ring) 90, 582-3, *P.*
 regional, lymph node changes induced by, rabbit (Craigmyle) 92, 74-83, 89, 576, *P.*
 uptake of ^{35}S by (Wyburn) 90, 563, *P.*
induction, assumilatory (Balmer) 92, 661-2, *P. (rabbit, rat, guinea-pig)*
 and bone induction, rabbit (Bridges & Pritchard) 92, 28-38
 of, by devitalized muscle (Bridges & Pritchard) 91, 589, *P. (rabbit)*
 by implants, devitalized under kidney capsule, of urinary bladder, rabbit (Bridges & Pritchard) 90, 563, *P.*
interarticular fibro-, between astragalus and malleolus of fibula (Sewell) 41, 46
 in larynx of monotremes, *see* Larynx, cartilages
 lymphatic vessels of, *see* Vessels, lymphatic, of cartilage
nutrition (Redfern) 31, xxxiii, *P. (t.o.)*; (Harris & Russell) 68, 140, *P.*
 origin and significance in bone repair (Pritchard, McDaniel & Mulholland) 92, 668, *P.*
 ossification *see* Cartilage, larval, ossification
 in repair of the skull vault (Girgis & Pritchard) 90, 573, *P.*
 sulphur, radioactive, (^{35}S) distribution (Davies & Young) 88, 174-83 (*rat*)
 supernumerary (Downie) 27, 181-2
 vascularisation (Hurrell) 67, 211, *P. (dem.)*; 69, 145, *P. (t.o.)*
 vascularity (Bubnoff) 4, 153, *rep. (man, animal)*
 visceral arch, *see* Arch, visceral
 yellow, elastic tissue in, structure and development (Hertwig) 7, 327, *rep. (man & other mammals)*
Cartilages, arytenoid, fixation of during phonation (Jelenffy) 7, 190, *rep.*
 function (Negus) 63, 430-3 (*comp.*)
branchial remains, 40, 299, *rep.*
 and cervical symmetrical auricles, 2 cases (Woolf) 59, 25, *S.P.*
 in neck, 1 case (Busachi) 27, 418, *rep.*
condylar, of mandible, canals, vascular (Blackwood) 94, 450, *P.*
 chondrocyte function, histochemistry, rat (Greenspan & Blackwood), 100, 434-5, *P.*
 fine structure, rat (Appleton & Blackwood) 100, 434, *P.*
corniculate, function (Negus) 64, 111, *P.*
costal, asymmetry (Lane) 18, 335-8
 bifid, with persistent thymus and other abnormalities (Fawcett) 32, xlv, *P.*
 bifurcation (Pye-Smith, Howse & Davies-Colley) 5, 375, *rep.*
 rib (Eccles & Black) 28, ix, *P. (2 cases)*
 development, postnatal (Cave & Green) 88, 545, *P.*
 5th and 6th, articulations (Fawcett) 33, 350 (*ref. only*); (Bardeleben) 33, 350 (*ref. only*)
 joints in relation to (Harris) 65, 164, *P.*
 regeneration (Peyraud) 4, 153, *rep. (rabbit, dog)*
 8th, relation to sternum (Committee of Collective Investigation) 31, 31-5 (106 subjects); 31, 619 (12 subjects)
 variations (Lane) 20, 388-404
ear, trauma, reaction to, in rabbit and guinea-pig (Joseph, Thomas & Tynen) 95, 564-8
epiphyseal, blood supply, predominance of epiphyseal over metaphyseal in nourishment, ^{35}S radioautography and vascular ablation (Fyfe) 98, 471-2, *P. (rabbit)*
 excision and transplantation, rabbit (Ring) 87, 459, *P.*
 form and orientation (Smith) 94, 579-80, *P.*
 induction, bone, by implants under kidney capsule of, rabbit (Bridges & Pritchard) 90, 563-4, *P.*
 orientation and form (Smith) 94, 579-80, *P.*
 ulna, distal end, excision, partial or complete, effects, rabbit (Ring) 89, 79-91
 head, excision and reimplantation, rabbit (Ring) 89, 231-7
 vascular supply (Harris) 64, 3-4
hyaline, structure (Baber) 10, 113-26 (*rabbit, frog, kitten, newt*)
laryngeal, age changes, and ossification (Summerfield King) 97, 140, *P.*
 of Echidna (Burne) 38, xxii, *P.*
 ossifications and age changes (Summerfield King) 97, 140, *P.*
Meckel's, and ear ossicles, development of (Peters) 3, 458-9, *rep. (crocodilia)*
 two cases showing fate of (Keith) 44, iii, *P. (t.o.)*
 ossification abnormal (Keith) 44, 151-2
nasal, septum, and growth of face (Scott) 85, 434, *P.*
paraseptal, *see* Cartilage vomeronasal
polar, and trabecular, and the hypophysial pit, homologues (Allis) 65, 247-65 (*fish*)
 in *Teleostomi* and *Plagiostomi* (Allis) 59, 333-5
 of Santorini, *see* Cartilages, corniculate
semilunar, lateral, of knee, *see* Meniscus, lateral, of knee

Subject Index

Cartilages, (cont.)

- thyroid**, foramen in, for superior laryngeal, 3 cases (Shepherd) 15, 295, *anat. not.*
and hyoid bone, position, relative on neck flexion (Ardran & Kemp) 94, 285, *P.*
nerve to crico-thyroid muscle passing through (Macalister) 37, xxxix, *P. (t.o.)*
- trabecular and polar**, and the hypophysial pit, homologies (Allis) 65, 247-65 (*fish*)
in *Teleostomi* and *Plagiosomi* (Allis) 59, 333-5
- vomer**, anterior, relations to vomer (Eloff) 86, 16-19
common, complete, in a primate (Fawcett) 77, 176-8
development, and maxilla and vomer (Fawcett) 45, 378-405
- xiphoid**, homografts, subcutaneous, guinea pig (Bacsich & Wyburn) 89, 560-1, *P.*
- Cartridges**, tilt, calibration for Siemens-Elmiskop 1 (Boyd & Willis) 100, 706, *P. (dem.)*
- Casein**, and albumin (Béchamp) 9, 234, *rep.*
structural difference (Wanklyn) 6, 465, *rep.*
artificial digestion by pepsin (Lubavin) 6, 460, *rep.*
coagulation by rennet (Béchamp) 8, 209, *rep.*
dialysis (Müller) 3, 238, *rep.*
filtration (Schwalbe) 6, 465, *rep.*
milk, structure (Kehre) 6, 464, *rep.*
- Cassowary**, moderator band in heart of (Rolleston) 8, 173-4, *rep.*
- Castration**, changing seminal vesicle, ultrastructure, biochemistry, histochemistry, (Toner & Baillie) 99, 418, *P.*
adenohypophysial changes following, rabbit (Young *et al.*) 99, 934, *P.*
seminal vesicle, biochemical, histochemical and ultrastructural changes after, mouse (Toner & Baillie) 100, 173-88
- Casts**, 'crepe india-rubber', of organs (Parsons) 59, 109, *S.P. (dem.)*
endocranial, and brain, comparison in Australian aborigine (Packer) 83, 195-204
and brain form, criticism of recent work (Symington) 50, 111-30
cetaceans, recent and fossil (Breathnach) 89, 532-46
in ferret (*Mustela furo* L.) (Darlington) 91, 52-60
morphology, neopallial, fossil men (Boule & Anthony) 51, 95-102
see also individual skulls
of kidney, vessels, vinyl acetate (Kazzaz & Shanklin) 85, 163-5
plaster, *Das Pollersche Verfahren zum Abformen an Lebenden und Toten sowie an Gegenständen* (Poller & Fetscher) 1931. 65, 559, *rev.*
- Casuarinus australis**, skeleton (Flower) 6, 447, *rep.*
- Cat**, *The hypothalamus of the cat. A cytoarchitectonic atlas with Horsley-Clarke co-ordinates* (Bleier) 1961. 96, 133, *rev.*
Functional mammalian anatomy (with special reference to the cat) (Taylor & Weber) 1951. 86, 232, *rev.*
A stereotactic atlas of the brain stem of the cat (Verhaart) Parts I and II, 1964. 99, 188, *rev.*
The cerebellum of the cat (Voogd) 1964. 99, 404-5, *rev.*
of ancient Greeks (Rolleston) 2, 437-8
crest, neural, placodal relations, (Halley) 89, 133-52; 85, 429, *P.*
development, early (Hill & Tribe) 59, 66, *S.P. (t.o.)*
embryo, development up to fourteen days (Amoroso, Jackson & Griffiths) 80, 216, *P.*
fishes, *see Siluroidea*

- Manx** (Mortillet) 28, 375, *rep.*
membrane, periodontal, innervation, and functions of end-organs (Lewinsky & Stewart) 71, 222-35
double monster (Landois) 27, 417, *rep.*
pregnancy, abdominal (Hunter) 66, 261-3
retina, blood vessels (Michaelson) 83, 64, *P.*
skeleton, *Mammalian anatomy, part I. The skeleton of the cat compared with the skeleton of man* (Jayne) 1898. 32, 798-9, *rev.*
vena cava, inferior, in thorax (Franklin) 66, 76-9
see also Felis domesticus, Mustela foina, Viverra civetta, Dasyurus viverrinus
- Catalogue**, International of Scientific Literature, Anatomical Society's contribution, 37, ii
- Cataphoresis**, changes of moist porous bodies (Munk) 8, 410, *rep.*
- Cataract**, congenital, four generations, twenty persons, 42, 137, *rep.*
- Catarrhine monkeys**, *see Cercopithecoidea* (Simpson) and individual species
- Catecholamines**, effects of formaldehyde and pH on (Hopwood & Coupland) 100, 426-7, *P. (ox)*
- Cathartics**, *see* Purgatives
- Catodon macrocephalus** (Hector) 7, 335, *rep.*
- Cattle**, niata and achondroplastic, 49, 293, *rep.*
- Cauda bifida**, 33, 509, *rep.*
experimental production in amphibian larvae (Barfurth) 34, 410-11, *rep.*
- Cauda humana**, in a Tamil (Hill) 80, 238, *P.*
- Cauda trifida**, in lava of *Petromyzon* (Barfurth) 34, 411, *rep.*
- Caval channels of heart**, *see* Channels, caval
- Cavia**, blastocyst, structure and mode of implantation (Hill & Sansom) 64, 113-15, *P.*
development, early stages (MacLaren) 61, 515, *P. (dem.)*
early, abnormal (Nicol) 67, 211, *P. (dem.)*
limb muscles, nerve supply of capillaries (Blair) 61, 498, *P.*
organs, reproductive, intravital staining and hormone experiments (Nicol & Bryce) 70, 200-1, *P.*
ovogenesis irregularities and abnormal development of embryo (Nicol) 68, 75-84
Patagonian, *see Dolichotis patagonica*
- Cavia porcellus**, gall bladder, intrinsic innervation (Sutherland) 100, 261-8
uterus after staining (intravital with trypan blue) (Nicol) 66, 181-8; 66, 136, *P.*
- Cavity**, **abdomino-pelvic**, form and capacity of (Symington) 47, 143-58
amniotic, and connecting stalk development (Florian) 64, 454-76
body, *Leitfaden für Situsübungen an der Leiche* (Pfitzner) 1931. 67, 188-9, *rev.*
imperfect closure, associated malformations, 42, 134, *rep.*
- buccal**, *see* Buccal cavity
- cranial**, glossopharyngeal nerve at exit, relations (Partridge) 52, 332-4
- middle ear**, *see* Cavity, tympanic
- nasal**, *The anatomy of the nasal cavity and its accessory sinuses* (Onodi, trans. by Thompson) 1895. 29, 471, *rev.*
development in *Crocodylus porosus* (Meek) 27, 151-60
development, early, human embryo (Warbrick) 94, 351-62
in 124 mm. human foetus (Brandt) 73, 672, *P. (t.o.)*; 73, 673, *P. (dem.)*
formation (Frazer) 45, 347-56; 45, 416-33
gannet (*Sula bassana*, L.) anatomy and development (Scothorne) 92, 648, *P.*

Subject Index

Cavity, nasal (*cont.*)

- respiratory portion of lateral wall, morphology (Shute) 89, 579, *P. (comparative mammalian study)*
see also Nose
- peritoneal, description based on clinical and pathological investigations (Jenkins & Maynard Smith) 41, 131-6
 loose body (Gladstone) 65, 175, *P. (t.o.)*
- pleural, form, cadaveric (Appleton) 70, 195, *P. (disc. only)*
 nature, considered with diaphragm, mammalian (Keith) 39, 243-84; 39, ii-iv, *P.*
 of septum lucidum, description (Thompson) 66, 151-2, *P.*
 genesis (Dart) 59, 358-78
 synovial, development (Whillis) 72, 145-6, *P.*
 tympanic, in rays and common skate (*Raia*) (Howes) 17, 188-90
 development (Urbantschitsch) 9, 220, *rep.*
 evolution, and of membrane, tympanic, mammalian (Shute) 90, 261-81; 90, 572, *P.*
 of foetus and newly born (Wendt) 9, 220, *rep.*
 functions (Jago) 4, 326, *rep.*
- Cavum septi pellucidi, *see* Cavity, of septum lucidum
- Cebidae, *Primates*, volume *v. Cebidae*. Part B. (Osman Hill) 1962. 97, 134, *rev.*
- Ceboidea, (Platyrrhine monkey) geniculate body, lateral, laminar organization and cell content (Le Gros Clark) 76, 225-6, *P.*; 76, 131-40; 76, 229, *P. (dem.)*
- Ceboidea (Simpson), Platyrrhini, *Primates*. Part 3—Platyrrhini (*families Hapalidae and Callimiconidae*) (Osman Hill) 1957. 91, 565-6, *rev.*
- Primates*. Volume 4. *Cebidae—Part A (including subfamilies Callicebinae Aotinae, Pitheciinae, Cebinae)* (Osman Hill) 1960. 95, 277-8, *rev.*
see also Callithrix
- Cebus (Capuchin monkey) cranium, parietal bones divided (Patten) 59, 79-80, *S.P.*
- Cells, *Electron microscopy in anatomy* (Anatomical Society of Great Britain, edited by Boyd, Johnson & Lever) 1961. 95, 444-5, *rev.*
The cell. Biochemistry, physiology, morphology, (edited by Brachet & Mirsky) volume, 1, 1959. 93, 557-8, *rev.*; vol. III, 1961. 96, 545, *rev.*; vols. II, IV & V 1961, 1960, 1961. 96, 136, *rev.*; vol. VI, 1964. 99, 673-4, *rev.*
- Cellular injury (Ciba Foundation Symposium) 1964. 99, 673, *rev.*
- Funktionelle und morphologische Organisation der Zelle (ed. by Karlson) 1963. 98, 141, *rev.*
- The action of the living cell. *Experimental researches in biology* (Tuck) 1933. 68, 285-6, *rev.*
- The cell doctrine: its history and present state (Tyson) 1870. 4, 285, *rev.*
- crystal-containing, of epithelium of large intestine, ultrastructure, mouse (Silva) 100, 938, *P.A.S.A.N.Z.*
- degeneration during ontogenesis of brain, rabbit (Källén) 89, 153-61
- differentiation, metabolism, and of cell differentiation (O'Connor) 84, 407, *P.*
- division, metabolism, and of cell differentiation (O'Connor) 84, 407, *P.*
 blood cells, chick embryo (O'Connor) 85, 410, *P.*
 mass, determination, optical (Barer) 86, 474, *P.*
 mineral content, microincineration, improved technique for demonstration (Kruszynski) 88, 580-1, *P.*
 morphology, and fracture callus, rat, guinea-pig (Pritchard) 85, 426, *P.*

- mucus secreting, electron microscopy of (Young & Johnson) 95, 448, *P.*
- from organ rudiments of early chick embryo, dissociation and aggregation, in vitro, chick embryo, early (Moscona and Moscona) 86, 287-301
- size, investigation, with special reference to the human lymphocyte (Mainland & Coady) 72, 374-98
 with special reference to human lymphocyte (Mainland) 72, 149-50, *P. (disc. only)*
 theory of (Turner) 24, 253-87; 25, i, *P. (SMS) (t.o.)*
- acidophilic, in colon, autoradiography, mouse (Schofield & Southwell) 99, 955, *P.A.S.A.N.Z.*
- of adenohypophysis, studied by refractometry and microincineration (Kruszynski) 91, 614-15, *P.*
- alpha, of pancreas, staining phosphotungstic acid haematoxylin (Levene) 97, 647, *P.*
- argentaffin, in colon, distal ultrastructure, (Silva & Schofield) 100, 949, *P.A.S.A.N.Z. (mouse)*
- basal squamous, mass distributions, interference microscopy (Brisbourn) 100, 936, *P.A.S.A.N.Z.*
- basophil, of hypophysis cerebri, stages in life-history (Lennon) 71, 151, *P.*
- beta, of islets of Langerhans, ultrastructure, new staining technique (Sells) 100, 430, *P.*
 pancreas, appearances, guinea-pig (Findlay & Lever) 97, 304, *P.*
 stimulated in vitro (Findlay et al.) 100, 688, *P.*
- blood, diapedesis, (Norris) 6, 438, *rep.*
 division, metabolism, chick embryo (O'Connor) 85, 410, *P.*
 formation, *see* Erythropoiesis, Haemopoiesis
 origin, development and function in certain marine teleosts, morphology (Duthie) 73, 396-412
see also Corpuscles, blood
red see Erythrocytes
- blood-borne, in bone-marrow of anaemic guinea-pigs, radio-autography (Osmond) 99, 208, *P.*
- capillary, relation to nerve fibres (Beale) 6, 436, *rep.*
- carotid-body-like, in adventitia of ductus arteriosus, pig (Boyd) 77, 116, *P.*
- chromaffin, *The natural history of the chromaffin cell* (Coupland) 1965. 100, 205, *rev.*
 adrenaline- and noradrenaline-storing granules in (Coupland & Hopwood) 99, 191-2, *P. (cat, rat, mouse, fowl, frog)*
 development, rabbit, electron microscopy, (Weakley & Coupland) 99, 937, *P.*
 grafted, factors affecting formation and release of pressor amines, in grafts of adrenal medulla, rat (Coupland) 91, 616, *P.*
 survival, in adrenal autografts (Coupland) 89, 561, *P. (rabbit, rat)*
- 'clear', in basal layer of white epidermis of black- and white-spotted guinea-pig (Breathnach et al.) 99, 193, *P.*
- columnar, of biliary tract, extra-hepatic (Johnson, McMinn & Birchenough) 96, 421, *P. (dog, cat, rat, guinea-pig)*
 and goblet, small and large intestine (Young & Johnson) 94, 450-1, *P. (man, rat)*
 in hair of bandicoot (*Perameles nasuta*) (Molyneux) 97, 488, *P.A.S.A.N.Z.*
- death, in chick embryo (Bellairs) 95, 54-60
- dendritic, of epidermis (Billingham) 82, 93-109 (*guinea-pig*)
 and epithelium striatified (Langerhans) 8, 162, *rep.*
 gold-positive, *see* Cells, Langerhans
 in skin, pigmented, (Billingham) 83, 109-15
- dendritic, argentaffin, in epithelium urogenital, in male mammalian embryos (Boyd) 83, 83, *P.*

Subject Index

Cells, dendritic, (cont.)

- in colon, autoradiography mouse (Schofield & Southwell) 99, 955, *P.A.S.A.N.Z.*
- effect of reserpine and guanethidine in mouse colon and in primary explant cultures, (Schofield & Southwell) 99, 948, *P.A.S.A.N.Z.*
- in hair follicles (Boyd) 84, 62, *P.*
- dendritic in epithelia, foetal ectodermal (Boyd) 83, 74, *P.*
- and argentaffin, in primary explant cultures (Schofield & Southwell) 98, 486, *P.A.S.A.N.Z.* (*chick, mouse, rat embryos*)
- see also Dendrites
- endoneurial**, electron microscopy (Causey) 93, 574, *P. (mouse, rabbit, rat)*
- enterochromaffin**, argentophil and argentaffin reactions in individual granules of (Singh) 98, 497-500
- counts, chick (Ho) 100, 948, *P.A.S.A.N.Z.*
- in developing mice (Alexander) 100, 949, *P.A.S.A.N.Z.*
- in gastro-intestinal tract, development, prenatal (Singh) 97, 377-87
- eosinophilic**, in colonic mucous membrane effects of monoamine oxidase inhibitor (Schofield *et al.*) 99, 950, *P.A.S.A.N.Z. (mouse)*
- epithelial**, of colon, fine structure (Wyburn) 95, 609, *P.*
- chiton excretory apparatus, fine structure (Todd) 99, 217, *P. (dem.) (t.o.)*
- evolution, metabolic (Smart) 97, 312, *P.*
- fat**, development (Flemming) 5, 376, *rep.*
- follicular origin and development of, with reference to ova and ovary (Foulis) 13, 353-81
- and gland in vertebrates (Schulze, Letzerich, Eimer, Arnstein, Oeffinger, Erdmann, Sachs) 2, 172-4, *rep.*
- isolated stain for (Stirling) 24, 602
- vascular, intercellular material between (Molyneux) 99, 951, *P.A.S.A.N.Z.*
- gastric** parietal, separation, preparation of a mixed suspension (Hally) 97, 640, *P.*
- of stomach, structure, fine, mouse (Hally) 93, 217-25; 92, 674-5, *P.*
- germ**, see Oocytes and Spermatocytes
- giant**, bone absorption by means of (Morison) 8, 425, *rep.*
- bone absorption by means of (Rustizky) 8, 425, *rep.*
- formation from leucocytes (Ziegler) 9, 421-3, *rep.* (*in vivo expts; dog, rabbit*)
- placental in *Arvicola (Microtus) amphibius* (water vole) (Sansom) 56, 333-65
- rat (Dickson & Bulmer) 94, 418-24; 93, 587, *P.*
- bed (Park) 96, 416-17, *P.*
- of tubercle, comparative pathology (Sibley) 24, 517-26
- ('tubercle nodules') and in granulation tissue (Creighton) 13, 183-94
- gland**, gizzard fine structure, domestic fowl (Toner) 98, 77-86
- living (Beattie & Thomson) 68, 149, *P. (disc. only)*
- metrial, granular, cytology, histochemistry and electron microscopy, rat (Wislocki, Weiss, Burgos & Ellis) 91, 130-40
- origin, in rat placenta (Dickson & Bulmer) 95, 262-73
- in placenta, cytochemistry and electron microscopy, rat, (Peach & Bulmer) 99, 415-16, *P.*
- glial**, contacts in the central nervous system (Peters) 95, 610, *P.*
- glomus**, of body, carotid, electron microscopy, rabbit (Lever, Boyd, & Lewis) 91, 594, *P.*

- goblet and columnar**, small and large intestine (Young & Johnson) 94, 450-1, *P. (man, rat)*
- gram-positive**, of human anterior pituitary (Foster & Wilson) 85, 419, *P.*
- granulosa**, of follicle, hen (Wyburn *et al.*) 99, 933-4, *P.*
- developing, golden hamster (*Mesocricetus auratus*)
- electron microscopy (Weakley) 100, 503-34
- hair cortex**, relationship of nucleolar size to protein synthesis (Sims) 100, 577-83
- hepatic**, albuminous substances of (Weiss) 8, 209, *rep.*; (Plósz) 8, 419, *rep.*
- DNA activity and content, mouse (Birchmeier) 99, 955, *P.A.S.A.N.Z.*
- development in foetal sheep (Dick) 90, 568-9, *P.*
- during post-natal growth, pig (White) 73, 365-86
- production, chick, developing (Perry) 88, 571, *P.*
- see also Liver
- structural alterations during organ culture in hyperbaric oxygen (Coupland & MacDougall) 100, 424, *P.*
- of hypophysis cerebri**, lobe, posterior, differentiation, in human foetus (Shanklin) 74, 459-63
- histogenesis, chick (Shanklin) 78, 79-93
- intermediate**, between melanocytes and Langerhans cells, in epidermis, stimulated by Thorium X (Breathnach, Birbeck & Everall) 96, 419, *P.*
- interstitial**, autonomic, in gut wall (Rintoul) 91, 587-8, *P. (guinea-pig, monkey, rabbit, rat)*
- of Cajal, in guinea-pig ileum, (McKenzie, Kostelitz & Robinson) 89, 573, *P.*
- of kidney medulla, fine structure, rat (Moffat) 99, 931-2, *P.*
- of mammary gland (Tuma) 61, 491, *P.*
- of rat testis, uptake and storage of Indian ink (Clegg & Macmillan) 99, 204, *P.*
- islet see Islets of Langerhans, cells
- Kurloff**, in lymphoid tissue of pregnant guinea-pig (Marshall & Swettenham) 93, 348-53
- Langerhans**, distribution within human hair follicle, staining properties with gold chloride (Breathnach) 97, 73-80
- of epidermis, cytoplasmic organelles in (Breathnach) 98, 265-70
- in normal and vitiliginous epidermis, electron microscopy (Birbeck, Breathnach & Everall) 94, 572, *P.*
- in sebaceous glands (Breathnach & Everall) 95, 603-4, *P.*
- layers**, primitive, of the embryo (Lankester) 8, 170, *rep.*
- Leydig**, populations in cryptorchid rats (Clegg) 97, 644, *P.*
- in postnatal prepubertal mouse testis, growth and histochemistry (Baillie) 98, 403-19
- pubertal, growth and of accessory reproductive organs, rat (Clegg) 100, 369-79
- of testis, effect of obstruction of epididymis, rat (Macmillan) 87, 454, *P.*
- ultrastructure, changes during androgen output in growing mouse (Baillie) 97, 643-4, *P.*
- lines, HEP¹ and HLM, chromosomes (Rashad *et al.*) 98, 686, *P.*
- mast**, *The mast cells* (Riley) 1959. 94, 144, *rev.*
- chromaffin, in ungulates (Coupland & Heath) 95, 283-4, *P.*
- action of histamine-liberator, compound 48/80 on (Riley) 99, 210-11, *P. (dem.)*
- of hypophysis cerebri, cattle, cat, man (Gray) 69, 153-8

Subject Index

Cells, mast (cont.)

- see also Cells of hypophysis cerebri, Cells, nerve, of hypophysis cerebri, etc.
- mitoses (Whitting) 100, 938, *P.A.S.A.N.Z. (rat)*
- population, and wound healing, rat uterus (Donaldson *et al.*) 100, 940, *P.A.S.A.N.Z.*
- membranes, see Membranes, cell
- mesothelial, origin during repair of peritoneum (Johnson & Whitting) 95, 608, *P.*
- Meynert, in visual cortex, (Le Gros Clark) 76, 369-76 (*Macaca*); 77, 116, *P. (disc. only)*
- multivesicular, intestinal epithelium ultrastructure (Silva) 100, 935, *P.A.S.A.N.Z. (mouse)*
- muscle, smooth, cytoplasm exchange between, vas deferens (Merrillees) 97, 487, *P.A.S.A.N.Z. (guinea-pig)*
- myoepithelial, of gland, mammary, relation to ejection of milk, silver staining (Linzell) 86, 49-57 (*cat, dog, rabbit, rat, goat, man*)
- of gland, submaxillary, phosphatase, alkaline, reaction (Leeson & Jacoby) 91, 579, *P. (rat)*
- nerve, in atria of heart, mammal (King & Coakley) 92, 353-76; 90, 601, *P.*
- autonomic, processes, changes, degenerative and dynamic (Schofield) 97, 482, *P.A.S.A.N.Z. (cat)*
- cephalopod, membranes at surface of Golgi bodies (Young) 88, 554-5, *P.*
- cholinergic, effects of axon severance on, in *Xenopus* larvae (Lewis & Hughes) 95, 287, *P.*
- distribution of cholinesterase, (Lewis & Shute) 99, 941, *P. (dem.) (rat)*
- cerebral (Arndt) 4, 159, *rep. (rabbit)*
- in cortex, cerebral, motor, histological changes induced in, by activity (Mann) 29, 100-8
- dendrite and axons in visual cortex, patterns, cat (Colonnier) 97, 152, *P.*
- surface area (Sholl) 89, 571-2, *P.*
- and visual, dendrites, organization (Sholl) 87, 387-406; 87, 444, *P.*
- visual, postnatal changes in packing density of, quantitative (Haddara) 90, 494-501, (*mouse*)
- chromophilic and chromophobic, differentiation (Dixon) 92, 425-32 (*rabbit*)
- cortical, cerebral, relationship to lymphatic system (Lewis) 13, 268 (*t.o.*); comment by Turner, 13, 280
- territories (Maturana) 89, 572, *P. (rat)*
- visual organization (Colonnier) 98, 327-44 (*cat, rat, monkey*)
- cultivation *in vitro* over a long period. Second note (Meyer & Jablonski) 72, 62-5
- damage, in relation to microglia (Field) 86, 483-4, *P.*
- developing, Nissl substance and cholinesterase in (Hughes & Lewis) 94, 290, *P. (anuran tadpole)*
- development (Lubimoff) 8, 181-2, *rep.*
- enteric, morphology, comparative (Rintoul) 93, 583, *P.*
- evolution of production, vertebrate C.N.S. (Smart) 98, 466-7, *P.*
- exchange, counter-current and myelination (Smart) 97, 480-1, *P.*
- fixation, effect, chick (Hughes) 88, 192-203
- fluorescent properties (Smith) 100, 940, *P.A.S.A.N.Z. (rabbit, cat)*
- ganglion, associated with areas, sensory of inner ear, vertebrate (Weston) 73, 263-88
- ciliary, reptile, bird, mammal, including man (Warwick) 88, 555, *P.*; 87, 451, *P.*
- deoxyribonucleic acid, during chromatolysis (Causey & Stratmann) 93, 341-7 (*rabbit*)

- myenteric, in congenital pyloric stenosis (Rintoul & Kirkman) 94, 452, *P.*
- otic, fine structure, rabbit (Dixon) 100, 926, *P.*
- peripheral, multiplication (Kiss) 81, 380, *P.*
- precursor, early arrival in presumptive gut of chick embryos (Andrew) 98, 421-8
- of retina, mammalian (Thin) 13, 139-45 (*sheep, cat*)
- sensory, histological changes induced in, by activity (Mann) 29, 100-8
- spinal (Blair, Bacsich & Davies) 70, 1-9 (*cat*); (Fraentzel) 2, 167, *rep.*; (Fraentzel) 2, 167, *rep.*
- capsule, (Wyburn) 92, 528-33
- various, electron-microscopy, rat (Wyburn) 88, 549, *P.*
- sympathetic, histological changes induced in by activity (Mann) 29, 100-8
- superior cervical effect of sympathectomy, preganglionic (Hamlyn) 88, 184-91
- spinal, and cranial (Kiss) 66, 488-98
- (so-called) (Fisher & Ranson) 68, 1-10 (*cat*)
- trigeminal and sympathetic, structure of (Arnold) 2, 395, *rep.*
- Golgi method demonstrating in pes hippocampi (Sala, Turner) 25, 578-81, *abs.*
- granular, of cerebellum, light and electron microscope observations (Gray) 95, 345-56 (*rat*)
- horn, anterior histological changes induced in, by activity (Mann) 29, 100-8
- groups in spinal cord of *Phocoena communis* (porpoise) (Hepburn & Waterston) part I, 38, 105-18; part II, 38, 295-311
- large, in lumbar region of spinal cord, cat (Aitken) 89, 571, *P.*
- localization, functional, cat (Romanes) 85, 417, *P.*
- nerve injury, effects, (Romanes) 80, 117-31 (*rat*)
- origin (Dart & Shellshear) 59, 24-5, *S.P.*
- ventral, number, lumbar, anuran (Hughes & Fozzard) 94, 451, *P.*
- in hypophysis cerebri, posterior lobe, dog (Shanklin) 77, 241-2
- inclusions cellular histochemical reactions (Issidorides & Shanklin) 95, 151-9
- intrinsic, of atria, cardiac, man, mammal (Summerfield King & Coakley) 92, 353-76; 90, 601, *P.*
- larval, labelling by melanin of ovarian origin, anuran (Hughes) 97, 217-24
- localization of oxidative enzymes in, spinal cord, histochemistry, rat (Nandy & Bourne) 98, 647-53
- motor, behaviour of nuclear structures during depletion and restoration of Nissl material (substance) (Barr & Bertram) 85, 171-81 (*cat*)
- changes in after administration of relaxant and convulsant drugs (Ahmed & McKenzie) 97, 309, *P.*
- in spinal cord, groups, vertebrates (Romanes) 86, 496, *P.*
- relationship between dense bodies and mitochondria in, electron microscopic evidence (Hudson & Hartmann) 95, 288, *P. (rabbit)*
- multipolar, in spinal cord (Willingk) 10, 446, *rep.*
- in myenteric plexus of tench (*Tinca vulgaris*) (Bacsich) 76, 224, *P.*; 76, 229, *P. (dem.)*
- in neo-cortex, mammalian, types, rabbit, cat, monkey (Mitra) 86, 487, *P.*
- organization within (Wyckoff & Young) 88, 568, *P.*
- packing density, cerebral cortex, comparative study (Scholl) 93, 143-58; correction, 93, 434-5
- peripheral, degenerating, proliferation in proximal segment (Logan, Rossiter, Barr) 87, 419-22

Cells, nerve (cont.)

- Purkinje, of cerebellum, dendritic branchlets (cerebellar cortex), relationship to afferent fibres, a quantitative study (Fox & Barnard) 91, 299-313 (*Macaca mulatta*)
 histochemistry (Bourne) 90, 576, *P.*
 light and electron microscope observations (Gray) 95, 345-56 (*rat*)
 processes of and pyramidal, of cerebellum, (Koschennikoff) 4, 158-9, *rep.*
 structure (Hadlich) 4, 158, *rep.*
 pyramidal, in Ammon's Horn, electron microscopy, rabbit (Hamlyn) 97, 189-201
 dendritic organization in prepiriform cerebral cortex following deafferentation (Hedley Jones & Brynmor Thomas) 96, 375-81 (*rat*)
 rodlet, intranuclear, ultrastructure, electron microscopy (Siegesmund, Dutta & Fox) 98, 93-7 (*rabbit, monkey*)
 size and population density, in cord spinal, lumbosacral region, cat (Aitken & Bridger) 95, 38-53
 supraoptic, ultrastructure, hedgehog (Holmes) 99, 937-8, *P.*
 surface (Wyckoff & Young) 88, 568, *P.*
 sympathetic, response of nuclei to various reagents (Svirczewski) 4, 323-4, *rep.*
 synaptic area, ultrastructure (Causey & Hoffman) 90, 502-7
thalamus, residual, hemidecorticate, (Powell) 86, 487, *P.*
 unmyelinated, migration, and degenerating (Abercrombie, Evans & Murray) 93, 9-14 (*rabbit*)
 wandering, in cultures of nervous tissue *in vitro*, changing form in various media (Jablonski & Meyer) 73, 130-4
 of ventricles of heart (Davies, Francis & King) 86, 130-43 (*mammal*)
see also Stains & staining
non-keratinizing, in epidermal basal layer, guinea-pig (Breathnach & Goodwin) 99, 377-87
nucleated, content in synovia (Davies) 80, 221, *P.*
nuclei, deoxyribonucleic acid constancy in (Cleland) 98, 484, *P.A.S.A.N.Z.*
see also Nuclei
oxyntic, granules of, (Menzies) 83, 25-9 (*rat*)
Paneth, electron microscopy, mouse (Hally & Dawson) 91, 594, *P.*
 structure, fine (Hally) 92, 268-77
parietal, gastric, developing, electron microscopy (Hayward) 100, 429, *P.*
peritoneal, exudate, *in vitro* study (Jacoby) 91, 613, *P.*
 glyceryl trioleate stimulation, structure before and after (Carr) 100, 427, *P. (mouse)*
phagocytic, containing blood corpuscles in blood of lymph sac of frog (Lange) 10, 645, *rep.*
phytohaemagglutinin responsive, identification, radioautographic, rat (Osmond & Metcalf) 99, 411-12, *P.*
pigment, diapedesis (Tschaussow) 5, 215, *rep. (web of frog)*
 relation to nerve fibres (Beale) 6, 436, *rep.*
 retinal epithelial, ultrastructure, foetus (Breathnach & Wyllie) 100, 700-1 *P. (dem.)*
 tail skin, *Lacerta vivipara*, electron microscopy (Breathnach & Poyntz) 100, 549-69
prickle (Martyn) 10, 449, *rep.*
 of skin tumours, study of karyokinesis of (Delépine) 18, 442-60
proliferation, in gall-bladder, after ligation of common bile-duct (Jacoby) 88, 579, *P.*

- reticular**, phagocytic in bone marrow, guinea-pig (Osmond & Everett) 96, 420, *P.*
reticulo-endothelial, in bone marrow, guinea-pig (Hudson & Yoffey) 97, 409-16
satellite, of skeletal muscle (Muir *et al.*) 99, 435-44 (*fruit bat, white mouse*), 99, 408, *P.*
 muscle, role in muscle regeneration, fruit bat (*Eidolon Helvum* Kerr) (*Allbrook et al.*) 100, 936, *P.A.S.A.N.Z.*
Schwann, *The cell of Schwann* (Causey) 1960. 94, 446, *rev.*
 and fibres, nerve, relations (Causey & Hoffman) 89, 562, *P.*
 activity in tissue culture in degenerating nerves of different fibre spectrum (Thomas) 85, 414, *P.*
 lamellar bodies in cytoplasm (Thomas & Slatford) 98, 691, *P. (rabbit) (dem.)*
 mitoses, in degenerating corneal nerves (Wendell-Smith) 97, 486, *P.A.S.A.N.Z. (rabbit)*
 myelinated, reconstruction by unrolling (Smart) 99, 212-13, *P. (dem.)*
 nuclei, position in relation to internodal mid-point of myelinated nerve fibres (Bremner & Smart) 99, 194-5, *P. (rat)*
 relation to axon, in peripheral nerves (Causey & Hoffman) 90, 1-4 (*rat*)
Sertoli, development, existence as mononucleate unit, rat, mouse (Sapsford) 97, 225-38
 phagocytosis, electron microscopy (Carr *et al.*) 100, 923, *P. (rat)*
 uptake of vital dyes and particulate matter, rat testis (Clegg & Macmillan) 99, 219-29
in vivo, and *in vitro* (Thomas) 89, 557, *P.*
squamous, of upper alimentary tract, and menstrual cycle (Henderson) 84, 404-5, *P.*
stellate, in cerebral cortex, form and growth, guinea-pig (Peters & Bademan) 97, 111-17
tendon, branching (Gemmell) 40, 396-9 (*dog*)
tyrosine-positive, in relation to dopa-positive (Szabó) 90, 593, *P.*
 ultrastructure, symposium, 25 papers, 93, 577, *P.*
visual, pattern, homalopsine snake, (Underwood), 100, 571-5
see also Cycle, mitotic, Cytology, Golgi apparatus; Lymphocytes: Mitochondria
Cellulose, digestion (Weiske) 5, 225, *rep.*
Cement substance, of epithelium (Thoma) 9, 450, *rep.*
Centenarians, natural history (Humphry) 21, 496-504
Centetes, skull (Mivart) 1, 298-301
 skeleton, appendicular and axial, of (Mivart) 1, 298-301
see also *Ericulus; Microgale longicauda*
Centres auditory, (Ferguson) 25, 292-3 (1 case)
 midbrain, connexions inferior colliculus and dorsal nucleus of lateral lemniscus (Woollard & Harpman) 74, 441-58 (*guinea-pig, cat*)
 convulsive, investigation of (Krampfcentrum) (Heubel) 9, 411-12, *rep. (frog)*
 germinal presence of 4 in ring snake egg, 35, 501, *rep.*
 hypothalamic pupillo-dilator, effects of stimulation after cross-suture of cervical sympathetic and peripheral motor nerves (Beattie, Duel & Ballance) 66, 283-99
 motor, inhibition by sensory stimulation (Lewisson) 4, 324, *rep.*
 nerve, development of heat in (Schiff) 6, 223, *rep.*
 and nerves, mechanism (Wundt) 6, 223, *rep. (book)*
 sympathetic ciliospinal (Salkowski) 2, 188
 uterine and vasomotor (Schlesinger) 8, 403, *rep.*
 optic, primary, in rat, study by 'Bouton method' (Nauta & van Straaten) 81, 127-34

Subject Index

Centres (cont.)

- of ossification, double, patella (Fawcett) 40, xvi, *P.*
epiphyseal and sesamoid, independence of (Haines)
75, 101-5; 74, 558-9, *P. (disc. only)*
- fibular epiphyses, time of appearance (Ellis &
Joseph) 88, 533-6; 88, 583, *P.*
- pollex & hallux (Atkinson) 59, 1-3, *S.P.*
- secondary, in epiphyses, evolution (Wheeler
Haines) 73, 667-8, *P. (disc. only)*
- primitive form and structure of epiphyses in
Sphenodon (Haines) 74, 80-90
- sesamoid and epiphyseal, independence of (Haines)
75, 101-5; 74, 558-9, *P. (disc. only)*
- respiratory (Gierke) 8, 409, *rep.*
location (Gierke) 9, 217, *rep.*; (Rokitansky) 9, 217-18,
rep. (rabbit)
- salivatory, *see* Nuclei of grey matter, salivatory
- vasomotor, action (Masius & Vanlair) 10, 626, *rep.*
influence of anaesthetics on (Bowditch & Minot) 9,
216, *rep. (dog)*
- inhibition and excitation (Cyon) 6, 230-1, *rep.*
(*animals*)
- in medulla (Dittmar) 9, 215-16, *rep. (rabbit)*
- position (Soboroff) 6, 476, *rep. (frog)*; (Ludwig &
Owsjannikow) 6, 231, *rep. (rabbit)*
- stimulation (Kessel & Stricker) 6, 476, *rep. (frog)*
and uterine (Schlesinger) 8, 403, *rep.*
- Centrioles**, in bandicoot (*Perameles*) spermiogenesis,
history (Cleland) 98, 487, *P.A.S.A.N.Z.*
- Centrum ovale**, of cerebral hemispheres, nomenclature
of different regions of (Pitres) 13, 266 (*t.o.*);
comment by Turner, 272-3
see also Hemispheres, cerebral
- Cephalaspis**, mouth opening and visceral endoskeleton
(Allis) 65, 509-27
- Cephalomelus**, lamb (Davies) 74, 403-5
- Cephalometry**, *Craniofacial variations in a Central
Australian Tribe. A radiographic investigation
of young adult males and females* (Brown) 1965,
100, 680, *rev.*
of anatomists attending Summer meeting, 1898
(Cunningham & Browne) 33, lv-lviii, *P.*
- instruments (Gladstone) 36, xxxix-xli, *P.*
- size and shape of head, correlation with mental
ability (Gladstone) 37, 333-46; 37, xxxix, *P.*
- Cephalopoda**, development (Lankester) 9, 403, *rep.*
fecundation (Lafont) 4, 161-2, *rep.*
- Ceratodus** (Günther) 5, 386-7, *rep.*
anatomy (Günther) 6, 448, *rep.*
hyomandibula (Edgeworth) 60, 173-93
muscles (Humphry) 6, 279-87
pre-oral gut, buccal cavity, and bucco-pharyngeal
opening in (Allis) 66, 659-68
- Ceratophrys**, anatomy of heart and lungs and related
parts (Rau) 58, 306-27
- Ceratorhinus sumatrensis**, brain (Garrod) 13, 268 (*t.o.*);
comment by Turner, 13, 278
- Cercocetus torquatus atys** (Mangabey), effect of oestrogen
on prostate gland (Eckstein & Zuckerman) 78,
146
- Cercopithecoidea** (Catarrhine monkeys) ligaments, and
of man (Keith) 28, 149-68
variations in bone and cartilage of lumbar region,
compared with various races of man and apes
(Cunningham) 24, 117-26
- Cercopithecus aethiops sabaeus** (Green monkey) periure-
thral glands ('female prostate') (Zuckerman)
72, 471-2, *P.*
- teeth, effect of geographical isolation (Zuckerman &
Ashton) 84, 401-2, *P.*
- vagina development (Zuckerman) 72, 471-2, *P.*

- Cercopithecidae**, *see also* *Papio porcarius* and *Macaca
mulatta*
- Cerebellum**, *The cerebellum. An investigation of recent
advances* (Association for Research in Mental
Diseases) 1929. 65, 278-9, *rev.*
The cerebellum of the cat (Voogd) 1964. 99, 404-5,
rev.
abscess of, following middle ear disease (M'Bride &
Bruce) 14, 360-7
anatomy, microscopic, (Held) in *Archiv für Anatomie*,
Band vi, 1893. 28, 380, 381, *rev.*
cholinergic innervation (Shute & Lewis) 98, 466, *P.*;
98, 477, *P. (dem. only)*
- congenital absence (Anton) 39, 503, *rep.*; (Beattie)
66, 151, *P.*
- connexions with nucleus intercalatus, nucleus prae-
positus hypoglossi and nucleus of Roller
(nuclei peri-hypoglossal) cat (Brodal) 86, 110-
29
- cysts, subependymal, formation during development
(Boyd) 92, 642, *P.*
- development, mammals (Charnock Bradley) 43, iii,
P. (July 1907) (t.o.)
- disease of, 2 cases, 1 a tumour (Oliver) 15, 252-60; 3
cases, 17, 484-90
- effects of chemical damage on (Fournié) 8, 180-1, *rep.*
(*dog*)
- fissures, *see* Sulci
- functions (Nothnagel) 11, 187, *rep. (rabbit)*
- Golgi's preparation of (von Kölliker) 25, 451-60
- granular material in, histochemistry (Shanklin &
Issidorides) 93, 583, *P.*
- granule cells, mossy synapses and Purkinje spine
synapses of, light and electron microscope
observations (Gray) 95, 345-56 (*rat*)
- histology (Strachan) 4, 158, *rep.*; (Hollis) 19, 274-9
of horse (Bradley) 33, 587-95
- left, atrophy of and atrophy of right cerebral hemi-
sphere (Gray) 11, 353
and left side of body (Brockman) 10, 786-7
hemiplegia (left) associated with atrophy of right
cerebral hemisphere and, 1 case (Howden) 9,
288-96
- lobes, *see* Lobes
- morphology (Elliot Smith) 37, 329-32
- peduncles, effects of division (Curschmann) 3, 208-9,
rep. (rabbits)
- of *Petromyzon fluviatilis* (Clark) 40, 318-25
- phosphatase, acid and alkaline, and 5-nucleotidase,
distribution, rat, (Tewari & Bourne) 97, 65-72
- physiology *Il cervello; nuovi studi di fisiologia
normale e pathologica* (Luciani) 1891. 26, 568-
71, *rev.*
- processes of Purkinje and pyramidal nerve cells of
(Koschennikoff) 4, 158-9, *rep.*
- psammasarcoma of (Dreschfeld) 14, 337-44
- rudimentary, with defects of spinal cord and lumbar
spina bifida, 37, 305-6, *rep.*
- of *Sphenodon punctatum* (Hindenach) 65, 283-318
- spinal cord and vertebral column, abnormalities, 33,
510-11, *rep.*
- structure, Golgi's preparation (van Gehuchten) 26,
274-5, *abs.*
microscopical, of (Hadlich) 4, 304, *rep.*
- of Purkinje cells of (Hadlich), 4, 158, *rep.*
- subdivision, primary, mammals (Elliot Smith) 36,
381-5
- symptomatology and degeneration following lesions
of, and cerebellar peduncles and nucleus
cuneatus (Ferrier & Turner) in *Proc. R. Soc.*,
London, 1893, November 30, 28, 382-4, *rev.*
(*monkeys*)

Subject Index

- Cholera**, susceptibility of animals to, (Snellen & Miller) 2, 197-8, *abs.*
- Cholesterine** (Krusenstern & Beneke) 10, 650, *rep.*
reaction to sulphuric acid, 7, 359, *rep.*
- Choletelin**, and hydrobilirubin (Liebermann) 10, 650, *rep.*
- Cholic acid** (Gorup-Besanez) 6, 468, *rep.*; (Baumstark) 7, 352, *rep.*; 8, 209, *rep.*
oxidation by potassium dichromate and sulphuric acid (Tappeiner) 11, 564, *rep.*
- Cholinesterase**, activity in small intestine wall, particularly the mucosa (Craigmyle & Williams) 97, 156, *P. (mouse, rat, rabbit, guinea-pig, pig, cat, dog, monkey)*
activity, ontogenesis, in heart and cardiac ganglia in man, rat, rabbit, guinea-pig (Navaratnam) 99, 459-67
activity, site in kidney, relation to form and function of nephron (Fourman) 100, 430-1, *P.*
activity in teeth (Ten Cate & Skelton) 100, 432, *P.*
in adipose tissue, histochemical distribution and functional significance (Ballantyne) 100, 931, *P.*
appearances after section of peripheral nerve (sciatic) (Snell) 91, 588, *P. (guinea-pig)*
content of preganglionic innervation of heart after vagotomy (Navaratnam *et al.*) 98, 287, *P. (rat)*
in cord, spinal, histochemical localization, and alterations following ventral root section, amphibia (Chacko & Cerf) 94, 74-81
demonstration in terminal axonal degeneration (Williams) 97, 625-6, *P.*
in developing neurones (Hughes & Lewis) 94, 290, *P. (anuran tadpole)*
distribution, in cholinergic neurones, (Lewis & Shute) 99, 941, *P. (dem.) (rat)*
hindbrain and spinal cord (Snell) 93, 561, *P. (cat)*
in skin of cattle, and of nerves and monoamine oxidase (Jenkinson) 100, 593-613
effect on sodium transport, supra-orbital gland, duck (Fourman) 100, 693, *P.*
in forebrain, localization, rat (Lewis & Shute) 93, 584, *P.*
function, in cartilage of mandibular condyle, histochemistry, rat (Greenspan & Blackwood) 100, 434-5, *P.*
in ganglion, sympathetic, superior cervical, localization, histochemical (Snell) 91, 597-8, *P.*
autonomic, of man and mammals, histochemistry (Naik & Cauna) 95, 290, *P.*
in glands and unstriated musculature, distribution of, and autonomic nerve supply (Cauna & Naik) 95, 602-3, *P. (mammals inc. man)*
salivary (submaxillary and sublingual), histochemistry (Snell & Garrett) 91, 575-6, *P. (rat)*
suprarenal, distribution, rat, cat, rabbit (Coupland & Holmes) 91, 597, *P.*
histochemical appearances in superior cervical sympathetic ganglion and changes after preganglionic nerve section (Snell) 92, 408-18 (*cat*)
use of hyaluronidase prior to fixation for histochemical demonstration of (Williams) 95, 449, *P.*
innervation of pancreas, rat, cat, rabbit (Coupland) 92, 143-9
in intra-orbital gland, histochemical and quantitative study, domestic duck (Fourman & Ballantyne) 100, 702-4, *P. (dem.)*
in liver, distribution (Ballantyne) 100, 704-5, *P. (dem.) (rabbit)*
localization, fine, in hippocampal formation (Shute & Lewis) 99, 938, *P.*
histochemical in superficial receptors of the finger (Cauna) 93, 584, *P.*
in lymph nodes and spleen (Ballantyne) 98, 689-91, *P. (mammal) (dem.)*
in nerve fibres of uterus, (Coupland) 94, 298, *P.*
and nerve supply to blood vessels in external ear, rabbit (Grant & Thompson) 97, 7-22
ovarian (Bulmer) 98, 469, *P.*
in pancreas, distribution, rat, cat, rabbit (Coupland) 91, 597, *P.*
in parasympathetic nerves supplying the sub-mandibular and sublingual salivary glands of rat (Snell) 92, 534-43; 92, 641, *P.*
specific, in lymphatic tissue, histochemical localization, mammals (D'Agostini & Rossatti) 93, 354-60; 91, 588-9, *P. (cat)*
techniques evaluation, in study of intrinsic innervation of liver (Sutherland) 98, 321-6 (*monkey, guinea pig, rat*)
in wall of heart (atria) (Holmes) 91, 588, *P.*
see also Acetylcholinesterase
- Cholinesterase technique**, *see* Stains, staining
- Choloepus didactylus** (two-toed tree sloth), hyoid in (Howes) 30, 513-26
- Chondriome**, in green plants (Motte) 61, 497-8, *P.*
- Chondrocrania**, developing (Fawcett) 51, 1, 7, 12 & 14-22, *P. (December 1915, June & December 1916)*
model (Fawcett) 44, iii, *P. (dem.)*
71 mm. CR length chimpanzee (Starck) 93, 588, *P.*
- Chondrocytes**, in articular cartilage, fine structure (Palfrey) 99, 929-30, *P. (rabbit)*
structure, fine, (Palfrey & Davies) 100, 213-26 (*rabbit*)
function in cartilage of mandibular condyle, rat (Greenspan & Blackwood) 100, 615-26
- Chondrodystrophia foetalis**, 1 case 34, 412, *rep.*; 36, 299, *rep.*
persistence of venous channels in (Dixon) 41, ii, *P. (June 1906)*
- Chondrodystrophia hypoplastica**, 30, 453, *rep.*
- Chondrogenesis**, foetal long bone (Pratt) 92, 646-7, *P.*
- Chondroitin sulphate**, effect on connective tissue of rat kidney, and of parathyroid hormone (Fourman) 93, 579-80, *P.*
- Chondro-osteo-dystrophy**, types (Brailsford) 68, 152, *P. (disc. only)*
- Chorda**, chordae, dorsalis, nature, in *Ascidiae* (Dönitz) 5, 388, *rep.*
tendinae, aberrant (Sinibaldi) 39, 505, *rep.*
aberrant attachment of, left ventricle (Rolleston) 31, xxii-iii, *P.*; 37, 307, *rep.*
tympani, and auditory ossicles, homologies (Allis) 53, 363-70
functions (Prévost) 8, 398, *rep. (cat, dog, guinea-pig, rabbit)*
section (Vulpian) 8, 399, *rep.*
- Chordates**, head formation (de Lange) 70, 515-47
- Chorio-allantois**, at incubation times, various, light and electron microscopy, chick (Leeson, T. S. & C. R.) 97, 585-95
- Chorion**, *The human amnion and chorion* (Bourne) 1962, 92, 412, *rev.*
and endometrium of embryo H. R. 1 (Johnston) 75, 153-63
- Chorionepithelioma(ta)**, 43, 117, *rep.*
and cyst, dermoid, with metastases, 1 male (Ritchie) 39, 504-5, *rep.*
- Choroid**, of eye, blood supply, dog and cat (Moffat) 86, 490, *P.*
circulation, (Wybar) 88, 94-8; 87, 451, *P.*

Subject Index

Choroid, of eye, (cont.)
 development, staged chick embryos (O'Rahilly) 94, 577-8, P.
 movements in accommodation (Hensen & Völkers) 8, 400, *rep.* (ape, cat)

Chromaffin granules, effects of formaldehyde and pH on (Hopwood & Coupland), 100, 426-7, P. (ox)

Chromaffin reaction, *see* Stains and staining

Chromaffin tissue, *see* Tissue, chromaffin

Chromatin sex, behaviour during depletion and restoration of Nissl material (Lindsay & Barr) 89, 47-62 (cat)
 in early human and macaque embryos (Park) 91, 369-73

Chromatolysis, changes in deoxyribonucleic acid in ganglion cells (Causey & Stratmann) 93, 341-7 (rabbit)
 in developing nerve cells (Romanes) 80, 238, P.
 in ganglion, sympathetic, cervical, superior, rabbit (Samuel) 86, 473, P.

Chromium, physiological action (Priestley) 11, 285-301 (rabbit, guinea-pig, frog)

Chromosomes, *Organizers and genes* (Waddington) 1940, 75, 141-2, *rev.*
 abnormalities, and spontaneous abortion (Rashad & Kerr) 99, 923, P.
 absence of protein synthesis by, and movements of nuclear proteins, during mitotic cycle, germinal cells, tongue epithelium and growing hair, rat (Sims) 98, 467, P.
 analysis in agenesis of gonad (Gray) 95, 285, P.
 of cell lines HEP¹ and HLM (Rashad *et al.*) 98, 686, P.
 and hyaloplasm of sperm nucleus in fertilization (Dalcq) 61, 493, P.
 lampbrush, in oocytes (Baker & Franchi) 100, 702, P. (*dem.*)
 light and electron microscopy, *Gallus domesticus* (Ford & Woollam) 98, 289, P.
 of lion, cat and badger (Morton *et al.*) 98, 687, P.
 in meiotic prophase, fine structure, special reference to synaptonemal complex (Woollam & Ford) 98, 163-73 (man, mouse, wallaby, coypu rat, wolf)
 in a mentally defective population (Breakey) 95, 618, P.
 in the field vole (*Microtus agrestis*) (Austin) 91, 1-11 and the X chromosome (Gray & Ogden) 97, 629-30, P.
 and seminal vesicle in spermatocytes mouse, golden hamster and field vole (Ford & Woollam) 100, 953
Sphenodon punctatum (tuatara) (Keenan) 67, 1-17
 a triploid embryo (Rashad & Kerr) 100, 928, P.
 ultrastructure, behaviour in cells (Boss) 93, 581, P.
 X, and sex chromatin (Gray & Ogden) 97, 629-30, P. *see also* Parasyndesis

Chrysaora isosceles, *see* Coelenterata

Chrysaora isosides, nervous system (Woollard & Harpman) 73, 361-2, P.

Chrysemys marginata, sections of embryos (Frazer) 59, 27-8, S.P.

Chrysochloridae (golden moles) rectus abdominalis et sternalis of (Dobson) 17, 84-5
 dentition (Mivart) 2, 130-3
 skeleton, appendicular and axial, (Mivart) 2, 130-3, *rep.*
 skull (Mivart) 2, 130-3

Chyle, peptone in, and in serum and chyle (Subbotin) 3, 469-70, *rep.*

Chyluria, blood composition (Hoppe-Seyler) 6, 459, *rep.*

Cicatrization, and regeneration, in relation to embryonic development, 35, 499, *rep.*

Cilia, ciliated epithelium and ciliary activity (Rivera) 1962, 97, 131, *rev.*

Cilia, in tubules, renal (Carlier) 34, 223-5
 work done by, quantitative estimation (Bowditch) 11, 569, *rep.* (frog)

Ciliary motion (Engelmann) 3, 249-50, n.; (Engelmann, trans. & abs. by Moore) 3, 420-5

Circle, arterial, at sino-aortic junction of heart (Keith) 41, ix, P. (January 1907) (*dem.*)

Circle of Willis, *see* Circulus arteriosus of Willis

Circulation, of Journal of Anatomy and Physiology, 32, 612-13
 blood, *The circulation in the foetus* (Franklin, Barclay & Pritchard) abbrev. ed. 1946, 81, 122, *rev.*
Advances in biology of skin, volume II. *Blood vessels and circulation* (Montagna & Ellis editors) 1961, 96, 410, *rev.*
The forces which carry on the circulation of the blood, part I (Buchanan) [Glasgow med. J., 1869, 2] 3, 445, *rev.*
 action of amyl nitrite on (Brunton) 5, 92-101 (dog, rabbit)
 action of duobiosis on, (Gibson) 16, 10-26
 action of respiration upon (Sanderson) 1, 368-9, abs.; (Hering & Horvath) 5, 212, *rep.* (*curarised animals*)
 artificial (Schiß) 7, 348, *rep.*
 reflex effects produced by stimulation of nasal mucosa (Kratschmer) 5, 402, *rep.* (rabbit)
 action of sodium pyrophosphate on (Gamgee, Priestley & Lammuth) 11, 273-84 (rabbit, frog)
 bone, limb, lower, in arteriosclerosis and Paget's disease (Barlow) 93, 564, P.
 capillary, of connective tissue in ear chamber, rabbit (Bränemark & Lindström) 97, 323-32
 in skin (Bloch) 8, 400, *rep.*
 study in living guinea-pig (Stricker & Sanderson) 5, 194, *rep.*

cerebral, anatomy, blood supplied by carotid and vertebral arteries to cranial regions, sheep and ox (Baldwin & Bell) 97, 203-15
 changes in, after exsanguinating limbs with Esmarch's bandages (Brooke & Hopwood) 11, 307-20
 in closed cavities (Berthold) 4, 324, *rep.*
 collateral, compensatory, development of, to nerve trunk (Blunt & Stratton) 90, 508-14 (rabbit)
 to hind limbs, development, in aortic and common iliac arterial occlusion with especial reference to bone (Shaw) 98, 294, P. (cat, man)
 to rat testis, development (Sprott) 91, 596, P.

cutaneous, hyperhidrosis in relation to (Vulpian) 13, 257-8 (cats)
 effect of closure of carotid upon (Nawalichin) 5, 213, *rep.* (cat)
 effects of exercise upon (Jones) 8, 427, *rep.*
 rowing as shown by sphygmograph (Fraser) 3, 127-30

in embryos of warm-blooded animals (Macdonald) 8, 388, *rep.*

in foetal sheep after Caesarian delivery, demonstration (Barclay, Franklin *et al.*) 76, 229, P.

influence on diameter of vessels, chick embryo (Hughes) 72, 1-17; 72, 150, P.

in isolated organs (Heger) 9, 417-18, *rep.*
 and lymph, model of (Charles) 22, 435-40
 in the lung (Quincke & Pfeiffer) 6, 484, *rep.* (dog)
 mesenteric (Boulter) 93, 570, P. (TV *dem.*)
 working model of (Rutherford) 6, 249-52

Subject Index

- Colon**, effect of, sigmoid (*cont.*)
 right-sided, 3 cases (Bhattachayya) 60, 229-32
 transposition (Low) 36, 421, *A.U.A.A.S.*
 variation in course (Anderson) 32, ix-xvi, *P.*
see Colon, pelvic
 variation of flexures of (Melsome) 27, xxx-xxxi, *P.*
 primum, sheep (Smith) 89, 579, *P.*
 tranverse, position (Rohan) 33, 354 (*ref. only*)
 attachments (Mackenzie) 51, 1-5, *P.* (June 1916)
 and descending, distension, gross (Howden) 32,
 67-75; 32, ix, *P.*
- Colorimetry**, method (Vierordt) 4, 328, *rep.*
- Colostrum**, cellular constituents, origin (Engel) 87,
 362-6
- Colour**, perception (Dobrowsky) 7, 344, *rep.*
 dependence on time (Kunkel) 9, 414, *rep.*
 including ocular spectra, *see also* Vision
- Colour-blindness**, acquired (Stillings) 11, 548, *rep.*
 theory (Hermann) 9, 414, *rep.*
 and Young's colour theory (Röhlmann) 11, 548, *rep.*
- Coluber** (*Zamensis*) *florulentus* (snake) double-headed
 anatomy (Heasman) 67, 331-45
- Columba** (pigeon), anatomy (Garrod) 9, 405-6, *rep.*
- Columba livia** (pigeon), respiratory pathways, compara-
 tive anatomy (Akester) 94, 487-505; 94, 582,
P.
- telencephalon, thalamic projection (Powell & Cowan)
 95, 78-109
- Columbin**, effects of intravenous injection, on blood
 pressure and circulation (Köhler) 8, 406, *rep.*
- Columella auris**, development in crocodilia (Goldby)
 59, 301-25
- Column**, cell, of spinal cord (Romanes) 74, 559, *P.*
(dem.)
 in spinal cord of human foetus of fourteen weeks
 (Romanes) 75, 145-52
 of spinal cord, cervical and upper thoracic, ventral
 horn (Romane) 76, 112-30 (*rabbit*)
 Clarke's, *see* Nucleus, thoracic
 dorsal, nuclei in *Ateles* (spider monkey) (Chang &
 Ruch) 81, 140-9
 posterior, degenerating, nuclear populations, rabbit
 (Joseph) 87, 443, *P.*
- Column, vertebral**, *The evolution of the vertebral
 column. A contribution to the study of vertebrate
 phylogeny*, edited by J. F. Gaskell & L. H. H.
 Green, 1933. 68, 575, *rev.*
Anatomico-roeontgenographic studies of the spine
 (Hadley) 1964. 100, 417-18, *rev.*
Die gesunde und kranke Wirbelsäule im Röntgenbild
 (Schmorl & Junghanns) 2nd ed., XII, 1951. 86,
 230-1, *rev.*
 arterial supply and venous drainage, dog (Crock)
 94, 88-99
 articulation, a method (Cunningham) 23, xii-xiii,
P.
Bombinator (fire toad) (Howes) 24, xvi-xvii, *P.*
 characteristics, East African, (Allbrook) 88, 559,
P.
 development (Rosenberg) 10, 440, *rep.*; (Wyburn)
 78, 94-102
 of *Echinorhinus spinosus* (Jackson & Clarke) 10,
 75-107
 foetal (Paterson & Lovegrove) 33, iii-iv, *P.*
 growth, genetic differences, rabbit and man (Tanner
 & Swain) 87, 54-65
 joint, zygapophyseal mortice at thoraco-lumbar
 transitional zone (Davis) 88, 585, *P.*
 length (Collective Investigation) 29, 51-2
 Lepidosteus, development (Gegenbaur) 2, 404,
rep.
 mounting (Lockhart) 69, 152, *P. (dem.)*
- in *Myrmecophaga jubata* (Pouchet) 7, 172, *rep.*
 effects of paralysis with decamethonium, chick
 embryo (Sullivan) 99, 954, *P.A.S.A.N.Z.*
 posture, in hanging and swinging (Cagney) 24,
 584-91; 24, xiii, *P.*
 relations of limb plexuses and ribs (Jones) 44, 377-
 93
 and respiratory physiology (Halls Dally) 43, 93-114;
 43, vii, *P.* (March 1908) (*t.o.*)
 variations, in domestic animals (Goubaux) 2, 404,
rep.
 in 80 skeletons (Bantu) (Shore) 64, 206-38
 asymmetry (Lane) 20, 388-404
 and supernumerary cervico-thoracic vertebra
 bearing ribs, 1 case (Lane) 19, 266-73
 cervical, multiple (Cave) 65, 171-2
 in *Lepus cuniculus* (rabbit) (Mudge) 32, xxvii-
 xxx, *P.*
 multiple Egyptian, female, *circa* 600 or 500 B.C.
 45, 144-71
 normal, lower dorsal area (Cyriax) 56, 147-8
 and posture (Appleton) 77, 120, *P.* (119 males, 68
 females)
 racial in bone and cartilage in lumbar region in
 monkeys, apes and various races (Cunningham)
 24, 117-26
 curve, lumbar, (Turner) 20, 536-43
 scoliosis (Meyer) 1, 151, *rep.*
 malformation associated with scoliosis, 3 cases
 (Goodhart) 9, 1-16,
 with six and half cervical and thirteen true
 thoracic vertebrae, with abnormalities of
 cervical spinal cord and nerves (Brash) 49,
 243-73
 and thoracic, 2 cases (Dwight) 21, 539-50
 venous drainage and arterial supply, dog (Crock) 94,
 88-99
- Comb**, dental, of lemurs (Roberts) 75, 236-8
- Combustion**, in animal organism, (Schützenberger) 9,
 232, *rep.*
- Commensalism**, in animal kingdom and commensals
 and parasites in *Cetacea* (van Beneden) 5, 197-
 8, *rep.*
- Commissures of brain**, anterior, connections (Cave) 63,
 174-5
 cerebral, mammals (Smith) 34, xlv, *P.* July 1899;
 (Elliot Smith) 71, 528-43
 of Marsupialia and Monotremata (Symington) 27,
 69-84
 of Gudden, origin, spinal, in *Ateles* (spider monkey)
 (Chang & Ruch) 83, 1-9
 grey, *see* Adhesion, interthalamic
 habenular, in vertebrates (Cameron) 38, 275-92; 38,
 xx-xxi, *P.*
 posterior, connexions (Lucas Keene & Hewer) 72,
 317, *P.*
 connexions, human foetus, infants and phylogeny
 (Lucas Keene) 72, 488-501
 course of fibres (Pawlowsky) 9, 203, *rep.*
 superior, in vertebrates (Cameron) 38, 275-92; 38,
 xx-xxi, *P.*
 supra-optic, *see* Decussations, supra-optic
- Committee**, international, to study soft parts of primi-
 tive races (Loth) 61, 501-2, *P.*
- Complex**, juxtaglomerular, rat and other species
 (Hartroft & Hartroft) 85, 426, *P.*
 synaptinomal, fine structure, and of chromosomes in
 meiotic prophase (Woollam & Ford) 98, 163-
 73 (*man, mouse, wallaby, coypu rat, wolf*)
Conception, *Mechanisms concerned with conception* (ed.
 by Hartman) 1963. 98, 460, *rev.*

Subject Index

Conceptus, previllous, human, 10 days (Morton) 83, 86, *P.*; 83, 308-14
 10-days, pre-somite, (human) with reference to yolk-sac formation (Morton) 84, 66, *P.*
see also Embryos, early
 sheep, development during first 14 days (Rowson & Moor) 100, 777

Concha, of ear, gland upon, *Dasyurus maugei* (Burne) 43, 312-13
 nasal, function in respiratory air conditioning and thermoregulation (Cole) 88, 575, *P.*
 inferior, comparative anatomy and function (Scott) 87, 461-2, *P.*
 and meatuses, 152 specimens (Collective Investigation) 28, 73-6
 middle, absence, associated with precocious ossification of limb bones in stillborn female (Harris) 60, 148-51

Concussion, effects of artificial respiration on (Schiff) 7, 348, *rep.*

Conduction, extra-conduction, effect on current in gastrocnemius of frog (Reymond) 7, 179, *rep.*

Conduction, in heart, system, crocodilian (Davies, Francis & King) 86, 152-61
 development, sheep (Field) 81, 392-3, *P.*
 enzymes, oxidative in, histochemical detection and localization (Schiebler) 95, 611, *P. (calf, pig, sheep)*
 of impulse for cardiac contraction (Davies & Francis) 86, 302-9
 in monotreme heart (Davies) 65, 339-51; 65, 178, *P. (t.o.)*
 Purkinje (Lehnert) 3, 200, *rep. (mammalia)*
 ventricular, differentiation, sheep, embryo (Muir) 87, 436, *P.*
 tissue, development (Walls) 81, 93-110
 specialized in foetal whale (*Balaenoptera physalis*) (King) 95, 611, *P.*

nerve, experiments (Richardson) 1, 184, *abs.*
 in frog's (Filehne & Hitzig) 8, 186, *rep.*
 rate (Donders) 1, 181, *rep.*
 in motor nerves (Place) 5, 211, *rep.*; (Helmholtz & Baxt) 2, 190, *rep.*; 5, 397, *rep.*; (Place & van West) 5, 397, *rep.*; impulse in mammals (Chauveau) 13, 259-60, *abs.*
 theory (Garrod) 7, 251-4
 transverse (Hitzig) 8, 400, *rep. (frog)*; (Fick) 11, 544, *rep.*
 form of curves in (Filehne) 8, 400, *rep.*
 during stimulation (Hermann) 11, 544, *rep.*

Condurango, physiological action (Brunton) 10, 484-7, (*frog, rabbit*)

Condyle, mandibular, cartilage, chondrocyte function, histochemistry, rat (Greenspan & Blackwood) 100, 434-5, *P.*
 fine structure, rat (Appleton & Blackwood) 100, 434, *P.*
 vascularization, (Blackwood) 99, 551-63
 chondrocyte function in cartilage, rat (Greenspan & Blackwood) 100, 615-26
 occipital right, divided (Stibbe) 63, 157, *P.*

Condylura, skull (Mivart) 1, 310-11

Coney, *see Hyrax capensis*, *Procavia*

Conferences, 5th international anatomical, organization and logistics (Sinclair) 85, 182-212
see also Symposia

Congenital malformations, *see* Abnormalities, congenital

Congestion, venous, of knee joint, experimental, effects, rat (Brookes) 100, 436, *P.*

Congresses, *see* Conferences

Conia, actions (Guttmann) 1, 155, *rep.*; (Harley) 2, 423, *rep.*
 convulsant and paralytic (Verigo) 6, 498, *rep.*
 of ethyl and iodide of diethyl, derivatives of (Pélissard Jolet & Cahours) 3, 479, *rep. (animal)*
 of methyl and ethyl derivatives of (Crum Brown & Fraser) 3, 478-9, *rep. (rabbit, frog)*
see also Conium

Conium, physiological and therapeutic actions (Damourette & Pelvet) 6, 498, *rep. (man, animals)*
see also Conia

Conjunctiva, nerve endings (Krause) 1, 346; (Mauchle) 2, 400, *rep.*; (Poncet) 10, 452, *rep.*; (Oppenheimer, Palmer & Weddell) 92, 321-52 (*mammal*); encapsulated (Oppenheimer, Palmer & Weddell) 90, 579, *P.*
 transplantation of rabbit's to human (Becker) 9, 414, *rep.*

Connective tissue, *see* Tissues, connective

Connexions, cortical, of the thalamic reticular nucleus (Carman *et al.*) 98, 587-98 (*rabbit*)
 cortico-striate, anatomical basis (Glees) 78, 47-51 (*cat*)
 with projection, thalamostriate, birds (Powell & Cowan) 91, 571, *P.*
 cortico-bulbar, to pons and lower brain stem, anatomical analysis, cat (Kuyper) 92, 198-218
 hypothalamic, of midbrain (Cowan *et al.*) 98, 345-63 (*rabbit, rat*)
 optic, *see* Fibres, nerve, optic; Body, geniculate, lateral

Connexus interthalamicus, *see* Adhesion, interthalamic

Constitution, of Anatomical Society of Great Britain and Ireland, 21, 681-2
Constitution und constitutionelles Kranksein des Menschen (Beneke) 1881, 21, 675-9, *rev.*

Contortionist, Indian (Keith) 31, xxv-vi, *P.*

Contours, measurements of mandible (Parsons) 46, 384-90

Contractility, muscular, effect of carbonic oxide (Rochefontaine) 10, 651, *rep.*
 trophic effects after nerve injuries (Vulpian) 6, 472, *rep. (dog, guinea-pig)*

Contractility, muscular, and refraction, double (Engelmann) 10, 651, *rep.*

Contractions, clonic, experimental production of (Nothnagel) 5, 209, *rep.*
 muscular, *Du mouvement dans les fonctions de la vie* (Marey) 1868, 2, 383-6, *rev.*
 (Schmulewitsch) 5, 404-5, *rep.*; (Hermann) 6, 239, *rev.*; (Krause) 8, 213, *rep.*
 abnormal and their effects (Humphry) 28, 453-64
 in beetles (Kaufmann) 10, 219, *rep.*
 duration (Klunder) 5, 405, *rep.*
 'excentric' (Cyriax) 57, 385-8
 of full and short action (Wheeler Haines) 69, 20-4
 glycogen diminution during (Weiss) 6, 460-1, 485, *rep. (frog, dog)*
 height, function of the weight (Tiegel) 11, 568, *rep.*
 with supramaxillary stimuli (Tiegel) 11, 568, *rep.*
 Pflüger's Law of (Berry & Rutherford) 10, 604-8 (*frog*)
 demonstration (Barlow) 12, 632-5 (*frog*)
 appearance in polarised light, 7, 329, *rep.*
 recording, auditory, after chemical and electrical stimulation (Berstein) 10, 652, *rep.*
 in relation to composition, form and weighting (Cash) 15, 431-45 (*frog, tortoise, rabbit*)

Subject Index

- Contractions, muscular, (cont.)**
 secondary, (Grünhagen) 8, 186, *rep.*
 striped (Rutherford) 31, 309-42 (*crab, vertebrates*)
 variations in character of with repeated stimulation (Rollet, reported by Harris) 31, 306-8
 and structure (M'Dougall) 31, 410-41; 31, 538-85
 tetanic, experiments on (Minot) 12, 297-339 (errata note page 502) (*frog*)
 theory of, (Newman) 13, 549-76 (*frog*); (M'Dougall) 32, 187-210
 transmission rates, and negative variation (Bernstein & Steiner) 11, 568-9, *rep.* (*curarized dog, rabbit*)
 uterine (Oser & Schlesinger) 6, 488-9, *rep.*
- Contractures**, of muscles and joint capsules (Humphry) 28, 453-64
- Contrasts**, simultaneous, appearance (Hermann) 4, 328, *rep.*
- Contributions from the Department of Anatomy of the Peking Union Medical College**, vol. v. Collected papers, Nos. 84-114, 1930. 65, 405, *rev.*
- Control**, faecal and urinary, role of mucosal apposition (Vincent & McFadden) 91, 616-17, *P.*
- Comurus carolinensis*, osteology (Shufeldt) 20, 407-25
- Conus papillaris**, reptilian type, in eye of golden hamster (Chisholm *et al.*) 99, 195-6, *P.*
- Convalescence**, *Shorter convalescence* (McConnell) 1930. 65, 280, *rev.*
- Convergence**, nucleus of, so-called (Warwick) 87, 463, *P.*
 relation between, and accommodation, of eyes (Maddox) part I, 20, 475-508; part II, 20, 565-84; 21, 21-42
- Convolutions**, brain, in ferret (*Mustela furo* L.) (Darlington) 91, 52-60
- Convulsants**, actions (Wood) 8, 230, *rep.* (*frog, rabbit*)
- Convulsions**, in relation to disturbance of cranial circulation (Hermann & Escher) 4, 323, *rep.* (*animal*)
 epileptic, cause (Nothnagel) 2, 412, *rep.*
 experimental production (Nasse) 5, 208-9, *rep.*; (Hermann & Escher) 5, 208-9, *rep.* (*cat, rabbit*)
 influence of vagus on (Brown-Séguard) 7, 343, *rep.* (*guinea-pig*)
 inhibition by sensory stimuli (Brown-Séguard) 3, 212-13, *rep.*
see also Epilepsy
- Cooling**, of body, *per rectum* (Rutenberg) 11, 570, *rep.*
 influence on body temperature (Winternitz) 6, 238, *rep.*
 of warm-blooded animals (Horvath) 11, 570, *rep.*
- Copper**, and other inorganic substances, effects of intravenous and intra-arterial injections (Blake) 4, 201-8 (*dog*)
- Copper sulphate**, dilute, effect on tyrosinase reaction in melanocytes of freckled human epidermis (Breathnach) 92, 635, *P.*
- Cor biloculare, triloculare** *see* Heart, congenital malformations
- Coracoid**, morphology, and clavicle (Fitzwilliams) 44, ii, *P.* (*t.o.*)
- Coral**, *see Tubipora*
- Cord, oblique**, of forearm (Martin) 92, 609-15
 spermatic, development and anatomy (Lockwood) 22, 505-41
- Cord, spinal**, *A topographical atlas of the spinal cord* (Bruce) 1901. 35, 428-9, *rev.*
The structure and function of the brain and spinal cord, being the Fullerian lectures for 1891 (Horsley) 1892. 27, 289-90, *rev.*
- Über die Blutgefäße des menschlichen Rückenmarkes* (Kadyi) 1889. 24, 611, *rev.*
- Lectures and essays on the science and practice of surgery, part II the physiology and pathology of the spinal cord* (Macdonnell) 1875. 10, 437-8, *rev.*
- The effect of advancing age upon the human spinal cord* (Morrison, Cobb & Bauer) 1959. 93, 554-5, *rev.*
- anatomy, topographical, orang and chimpanzee (Bruce) 43, iii, *P.* (July 1907) (*t.o.*)
 absence, *see Amyelus*
 action of calabar bean extracts on (Roeber) 3, 475-6, *rep.* (*animal*)
 amputation of leg, influence on structure, (Vulpian) 3, 209-10, *rep.*
 (1 case, 15 years, post-operative) (Dreschfeld) 14, 424-31
 and bile in secretion (Lichtheim) 2, 414, *rep.*
 blood flow, effect of activity (Field, Grayson & Rogers) 84, 402, *P.*
 blood supply, dependence on certain aortic segments (Torr) 91, 612, *P.*
 blood vessels (Woollam & Millen) 88, 566, *P.*; (Eberth) 4, 302, *rep.*
 canals, double and triple (Senator) 34, 416, *rep.* (1 case)
 multiple chick, 33, 510, *rep.*; 34, 416, *rep.*; 35, 500, *rep.*
 in *Sterna hirundo* and *Larus carus* (Kolster) 34, 416, *rep.*
 cell columns in, human foetus of 14 weeks (Romanes) 75, 145-52; 74, 559, *P.* (*dem. only*)
 cells, effects of strychnine on (Spence) 1, 360, *rep.*
 cervical, action on cardiac acceleration (Bever) 1, 360, *rep.*
 motor cell groupings comparative anatomy, demonstration, (Romanes) 76, 229, *P.*
 after extirpation of sciatic nerve (Hayem) 8, 186, *rep.* (*rabbit*)
 following nerve lesions (Hayem) 9, 213, *rep.*
 early, following irradiation with focused ultrasound (Bowsher) 90, 579, *P.*
 senility, cytological, mouse (Andrew) 75, 406-18
 of chimpanzee (Cunningham) 31, xiii, *P.*
 cholinesterase distribution (Snell) 93, 561, *P.* (*cat*)
 histochemical localization and alterations following ventral root section, amphibia (Chacko & Cerf) 94, 74-81
- defects, *see* Cord, spinal, variations
 development (Eichorst) 10, 446, *rep.*
 histological and functional correlation (Scharpenberg & Windle) 72, 344-51
 in *Xenopus laevis* (Hughes) 90, 590, *P.*
 of ectopia vesicae, with amputation of one hind limb, one case (Romanes) 76, 227, *P.* (*disc. only*)
 effect of constant current on (Ranke) 2, 188, *rep.*; (Uspensky) 4, 323, *rep.*; (Meyer) 3, 210, *rep.* (*frog*)
 effects of electrical, chemical or mechanical irritants on (Mayer) 3, 210, *rep.* (*frog*)
 excitability (Boll) 8, 399, *rep.*
 reflex effect of drugs upon (Stirling) 26, 375-90 (*Rana temporaria*)
 excitation and inhibition, anatomical localization (Sprague) 90, 590, *P.* (*cat*)
 fibres, course of (Schiefferdecker) 9, 203-4, *rep.*
 motor nerve (Brown-Séguard) 4, 323, *rep.* (*animal*)
Fibre systems of the brain and spinal cord (Wright) 1952. 87, 216, *rev.*

Subject Index

Cord, spinal, (cont.)

foetal, arterial supply (Torr) 91, 576, *P.*
of glycogen body, chick (Dickson & Millen) 90, 589, *P.*
Golgi's preparation (von K  llicker) 25, 443-60
grey matter (Hollis) 18, 62-5; 18, 203-7; 18, 411-15
and of medulla oblongata, (Hollis) 17, 517-22
histology (Laura) 16, 303, *anat. not.*
in 5-month foetus (Colman) 18, 436-41
injuries, nervous and vascular, relative importance (Hunter) 59, 48-9, *S.P.*
innervation of heart (Cyon, E. & M.) 2, 410-11, *rep.*
length (Collective Investigation) 29, 50-1
lesions, localization of recovery mechanisms (Barker & Eayrs) 97, 646, *P. (rat)*
limit, lower, in 198 adult subjects and 5 foetuses (Collective Investigation) 29, 46-50
South Indian foetuses (Rao) 83, 175
localization motor (Romanes) 80, 117-31; 85, 417, *P. (cat)*
lumbar regions, functions (Goltz & Freusberg) 9, 408-9, *rep. (dog)*
motor and sensory tracts in (Woroschiloff) 10, 624-5, *rep. (rabbit)*
reflexes (Sanders-Ezn) 3, 210, *rep. (frog)*
lumbosacral region, neurons, size and population density in, cat (Aitken & Bridger) 95, 38-53
lymph vessels (Eberth) 4, 302, *rep.*
meningeal relationships, chick (Dickson & Millen) 91, 47-51
neurones, axis cylinders of (Zuppinger) 8, 392, *rep.*
localization of oxidative enzymes in, histochemistry, rat (Nandy & Bourne) 98, 647-53
structure (Arnold) 2, 395, *rep.*
nucleic acids, in developing chick (Hughes) 88, 565, *P.*
of orang (Cunningham) 31, xiii, *P.*
organelles, presynaptic, (Gray) 97, 101-6
paths of conduction of sensory impression, in posterior columns, (Ezn) 1, 367, *rep.*
of *Phocoena communis*, (porpoise) grey and white matter (Hepburn & Waterston) part I, 38, 105-18; part II, 38, 295-311; 37, lxx, *P.*
reflex centres, position and extent (Masius & Lair) 4, 323, *rep. (frog)*
and roots, dorsal spinal nerve *Lacerta viridis* (Goldby & Robinson) 96, 153-70
segments, caudal, to lingula in *Ateles* (spider monkey) 83, 303-7
lumbo-sacral grey matter from, 4 cases (Sharrard) 88, 570, *P.*
sensation (Lewes) 8, 400, *rep.*
stimulation, afferent fibres (Ludwig & Dittmar) 6, 219-20, *rep. (animals)*
electrical of anterior and posterior columns (Engelken) 2, 188, *rep.*; (Fick, Budge) 4, 323, *rep. (animal)*; (Huizinga & Aladoft) 5, 210, *rep.*
sensory (Wolski) 7, 177, *rep. (frog, dog)*
structure, Golgi's preparation (van Gehuchten) 26, 274-5, *abs.*
of sirenomelia foetus (Odisio) 28, 370-1, *rep.*
synapse, morphology, cat (Barr) 74, 1-11
tracts, ascending, of, in *Lacerta viridis*, experimental study (Goldby & Robinson) 95, 287, *P.*; (Robinson) 95, 451, *P.*
sensory (Miescher) 6, 220-1, *rep.*
location (Nawrocki) 7, 177, *rep. (animals)*; (Schiff) 7, 341-2, *rep. (man, dog, cat)*
tecto-spinal, crossed, termination, cat (Pearce & Glees) 90, 565-6, *P.*

variations, in acephalic sheep foetuses (Romanes) 81, 391-2, *P.*
in anencephaly, 25, 438
with congenital absence of right limb, below knee (Romanes) 77, 1-5
in dicephalus dibrachius calf, 25, 438, *rep.*
double in *Didelphis cancrivora* 42, 134, *rep.*
lumbar kyphotic form of spina bifida cystica (Barson) 99, 217, *P. (dem.)*
with spina bifida (Sulzer) 28, 371, *rep.*
with rudimentary cerebellum and lumbar spina bifida, 37, 305, *rep.*
vascular patterns, (Woollam & Millen) 88, 566, *P.*
whale foetus (*Megaptera nodosa*) (Romanes) 79, 145-56
see also Diastematomyelia
umbilical, anatomy (Tait) 10, 456-7, *rep.*
arteries, development of transverse communicating branch, human, bovine and ovine (Young, Bacsich & Boyd) 97, 143, *P.*
bovine, arteries (Bacsich, Boyd & Young) 95, 618, *P.*
elastic fibres, African antelope, *Ourebia ourebi* (Zimmerman) (Kellas) 99, 425, *P. (dem.)*
epithelial covering, (Bacsich) 91, 611, *P.*
formation, and umbilical region of the anterior abdominal wall (Wyburn) 73, 289-310; 72, 614, *P.*
histogenesis, first stages, in human embryo (Laguesse) 61, 491, *P.*
structure, minute (Koester) 4, 302, *rep.*
microscopical, in different stages (Laguesse) 61, 514, *P. (dem. only)*
valvular (Ewart) 12, 229-31
tumours of, 25, 440-1
twisting, causation (Allen) 26, 300-4
Cordotomy, for intractable pain (Bradley) 100, 944, *P.A.S.A.N.Z.*
vocal, see Folds, vocal
Corium, of skin, hand and foot, papillary layer, mammal (Kidd) 41, 35-44
Cornea, bird (Patten) 69, 148-50, *P.*
and in mammalia, tortoise, frog, fish (Lightbody) 1, 15-43
cells (Priestley) 10, 108-12 (*frog, sheep*)
contractility of corpuscles and spaces of (Rollett) 5, 406, *rep.*
development of wool on (Garson) 14, 252
epithelium, ox (Cleland) 2, 361-5
repair (Heiberg) 6, 247, *rep. (frog, fowl, rat)*
specificity (Billingham & Medawar) 84, 50-6
histology (von Thanboffer) 10, 452, *rep.*
homografts, frozen-stored, fate after subcutaneous implantation, guinea-pigs (Bacsich, Pelc & Wyburn) 88, 580, *P.*
fate and behaviour of second set (Bacsich & Wyburn) 90, 583, *P. (guinea-pig)*
experimental, guinea-pig (Bacsich & Wyburn) 91, 339-44
inflammation (Eberth) 8, 400, *rep.*
innervation (Zander & Weddell) 85, 68-99 (*comparative study*); 84, 79, *P.*
electron microscopy, mouse, (Whitaker) 94, 387-409
trophic (Meissner, Schiff) 2, 191, *rep.*
lamina, posterior elastic (M'Donald) 10, 452, *rep.*
lymphatic system (Thin) 8, 390-1, *rep.*
nerve-endings (Lipmann) 4, 305, *rep.*
nerve fibres, living histological techniques for (Weddell & Zander) 84, 168-95; 84, 78, *P.*
nerves (Peterm  ller) 3, 455, *rep. (rabbit, guinea-pig)*; (Hoyer) 7, 331, *rep. (vertebrates)*
sensory (Cohnheim) 2, 170, *rep.*

Subject Index

Cornea, (cont.)

- opacities, in relation to squinting (Hirschberg) 10, 633, *rep.*
- permeability to fluids (Laqueur) 7, 189-90, *rep.*
- structure of (Müller) 2, 400, *rep.*; (Krause) 5, 195, *rep.*
- Cornification**, of human vaginal epithelium (Asscher, Turner & de Boer) 90, 547-52
- Cornu ammonis**, *see* Hippocampus
- Corona**, of after-images, possible cause (Wright) 26, 192-6
- radiata in ovum, ferret (Mainland) 66, 586-601
- Corpus, corpora**, *see also* Body(ies)
- Anteekeningun over de ontleedkunde van den Korpas der Zoogdieren* (Vrolik) 1866. 1, 352, *rev.*
- Corpus callosum**, absence (Malinverni) 9, 212, *rep.*; (Knox) 10, 445, *rep.*; (Wilder) 18, 223, *anat. not. (cat)*; (Zilgien) 27, 421, *rep.*; (11-year-old twin); (Banchi, *et al.*) 39, 503-4, *rep.*; (Douglas-Crawford) 40, 57-63; 40, 298, *rep.*; (Cameron) 41, 293-301; 41, viii, *P.* (January 1907); (Patten) 41, iii, *P.* (June 1906) (*t.o.*); 43, 118, *rep.*; (Mulligan) 64, 108, *P.*; (Patten) 66, 150, *P.*; (Romanes) 81, 403, *P. (dem.)*
- adult (Hamilton) 19, 385-414
- congenital defect 1, 357, *rep.*; 4, 159, *rep.*; (Le Gros Clark) 63, 161, *P.*
- development (Hewitt) 96, 355-8
- fibres, commissural, distribution of, macaque monkey (Sunderland) 74, 142, *P. (disc. only)*
- and hippocampus, relative positions in placental mammals (Goldby) 74, 227-38 (*cat, bat, rat, mouse*)
- localization of efferents from Area 4 in, macaque (Glees) 83, 76, *P.*
- morphology (Smith) part I; 30, 157-67; part II, 30, 185-205; note, 30, 450 (*rabbit, pig, dog, guinea-pig, sheep, rat, man*)
- rudimentary (Douglas-Crawford) 39, xxvi, *P.*
- luteum**, *Das Hormon des Corpus Luteum* (Biologie, Chemie und Klinik) (Fels) 1937. 71, 551, *rev.*
- cow, demonstration (Hammond) 76, 229, *P.*
- early development, in mare (Harrison) 80, 160-6; 80, 239, *P.*
- Ornithorhynchus* (platypus) (Hill & Gatenby) 59, 92-3, *S.P.*
- quadrigemina**, connexions, and of dorsal nucleus of lateral lemniscus (Woollard & Harpman) 74, 441-58 (*guinea-pig, cat*); 73, 670-1, *P. (disc. only)*
- function (Knoll) 7, 175, *rep. (rabbit)*; (Kohts) 11, 54, *rep.*
- striatum**, and cerebral cortex, interrelations, albino rat (Webster) 95, 532-44
- development, in birds, *Passer domesticus* (common sparrow) (Durward) 68, 492-9; origin, (Durward) 69, 132, *P. (disc. only)*
- cortical afferent projection (Webster) 99, 329-37
- effects of chemical damage on (Fournié) 8, 180, *rep. (dog)*
- functions (Carville & Duret) 11, 185-6, *rep. (animal expts.)*
- morphology (Dart) 55, 1-26 (*marsupial mole—Notoryctes typhlops Sphenodon, Scyllium*)
- and origin of neopallium (Elliot Smith) 53, 271-91 (*reptiles and mammals*)
- quantitative study, primates (Carman *et al.*) 99, 950, *P.A.S.A.N.Z.*
- stimulation (Sanderson) 9, 209, *rep. (animals)*
- striatum, *see also* Connexions, cortico-striate; Nucleus, basal
- Corpuscles**, blood, action of diluted C₂H₅OH on (Stirling) 10, 778-9 (*newt*)

- influence of bile and bile-acids on (Jurasz) 6, 457, *rep.*
- chemical composition (Paquelin & Jolly) 8, 404-5, *rep. (ox)*
- development in embryo chick (Klein) 6, 438, *rep.*
- in *Perca fluviatilis* (Wenckebach) 19, 231-6
- diastase action in relation to diabetes mellitus (Tiegel) 7, 187-8, *rep.*
- granulocytes, eosinophil, in blood and bone marrow, following injection of hydrocortisone and ACTH in sensitized animals (Hudson) 97, 617-18, *P. (guinea-pig)*
- intracellular, development (Schäfer) 9, 221, *rep. (mammalia)*
- invisible, of Norris (Gibson) 18, 393-9
- passage through walls of blood vessels (Feltz) 4, 302, *rep.*
- relation to coagulation of fibrin (Schmidt) 10, 646, *rep.*; 11, 193-5, *rep.*
- migration (Schmuzinger) 8, 174, *rep.*
- number in blood (Malassez) 8, 408, *rep. (mammalia)*
- number (Malassez) 7, 346, *rep. (mammals, birds, fish)*
- variations of (Malassez) 11, 192-3, *rep. (vertebrates)*
- influence of O₂ and CO₂ on diffusion between, and serum, (Nasse) 10, 640, *rep. (defibrinated horse blood)*
- pathological changes in (Hicks) 6, 438, *rep.*
- proportion of white to red after suppuration (Apolant) 8, 403, *rep.*
- of *Salmonidae* (Gulliver) 8, 178, *rep.*
- see also*, Erythrocytes, Leucocytes, Platelets, Cells, blood,
- bulbous**, *see* Nerve endings
- hyaline**, origin (Bennett) 1, 322
- lamellated**, and nerve endings in the skin (Grandry) 4, 160, *rep.*
- digital, blood vessels (Cauna & Mannan) 90, 588, *P.*
- changes, postnatal, and development (Cauna & Mannan) 93, 271-86
- development and age changes, 120 cases, 71 mm. C.R. length to 93 years (Cauna & Mannan) 91, 592-3, *P.*
- and postnatal changes (Cauna & Mannan) 93, 271-86
- observations, 100 cases, birth to 93 years (Cauna & Mannan) 91, 574-5, *P.*
- structure, significance, (Cauna & Mannan) 92, 1-20
- electron microscopy (Pease & Quilliam) 91, 574, *P.*
- functions (McIntyre) 97, 489, *P.A.S.A.N.Z.*
- Meissner's**, *see* Corpuscles, tactile
- non-lamellated**, histology (Quilliam) 100, 683, *P. (duck bill)*
- Pacinian**, *see* Corpuscles lamellated
- tactile**, cholinesterase, localization, and in free nerve endings (Cauna) 93, 584, *P.*
- cytology (Cauna) 90, 567-8, *P.*
- development and structure (Cauna) 89, 562, *P.*
- development and structure, 53 individuals (Cauna) 87, 440-1, *P.*
- and nerve endings in the skin (Langerhans) 8, 175, *rep.*
- (Cauna) 89, 568, *P.*
- in parroquet bill (Goujon) 4, 160, *rep.*
- structure (Thin) 8, 30-8
- fine (Cauna & Ross) 93, 574-5, *P.*
- Vater-Pacini, *see* Corpuscles, lamellated

Subject Index

Cortex, adrenal, *see* Cortex of suprarenal glands
auditory, *see* Area, auditory, of cerebral cortex
of bone, *see* Bone, cortex
cerebellar, evolution, mechanical factors (Wright) 69, 86-8
cerebral, *Some papers on the cerebral cortex* (von Bonin) 1960. 95, 139-40, *rev.*
Connections of the cerebral cortex, (Krieg) 1963. 99, 182, *rev.*
action, inhibitory, on spinal reflex, dogs & frogs (Simonoff & Setschenoff) 1, 359-60, *rep.*
area, prefrontal, lesion causing degeneration of dorso-medial and ventro-lateral nuclei of thalamus (Stern) 76, 302-7 (1 case)
vasomotor (Eulenberg & Landois) 11, 184-5, *rep.* (dog)
arterial supply (Shellshear) 61, 518-19, *P. (dem. only)*; (Rubino) 68, 128, *P. (t.o.)*; (Shellshear) 68, 140-1, *P. (disc. only)*
gorilla (Shellshear & Abbie) 68, 140-1, *P. (disc. only)*
in chimpanzee (*Anthropopithecus troglodytes*) (Shellshear) 65, 45-87
blood vessels, form and development (Lewis) 91, 40-6 (rabbit, sheep, guinea-pig, rat, man, crested newt)
cells, pyramidal, structure, (Arndt) 4, 303-4, *rep.*
centres, motor, (Dalton) 10, 625, *rep.*
cholinergic fibres in (Krnjević & Silver) 99, 711-59 (cat)
and closure of cranial sutures (Harris) 63, 171, *P.*
see also Connexions, cortico-striate
and corpus striatum, interrelations in the albino rat (Webster) 95, 532-44
cytoarchitecture (Arndt) 2, 395-6, *rep.*
Die Cytoarchitektonik der Hirnrinde des erwachsenen Menschen (Economo & Koskinas) 1925. 61, 264-6, *rev.*
The cytoarchitectonics of the human cerebral cortex (Economo, trans. Parker) 1929. 63, 389, *rev.*
comparative (Lewis) 13, 267 (t.o.); comment by Turner, 13, 280 (cat, sheep, man)
degeneration, experimental (Colonnier) 98, 47-53 (rat)
fibre, following experimental craniotomy, cat, rabbit (Harris) 94, 216-23
dendrites, *see* Dendrites
dendritic spine apparatus (Gray & Guillery) 97, 389-91 (cat, rat)
destruction laminar, for study of retrograde thalamic atrophy (Kruger, Malis & Rose) 93, 575-6, *P.*
developing, neuroblast migration in (Berry & Rogers) 99, 691-709 (rat)
pattern and mechanism of migration (Berry *et al.*) 98, 291-2, *P. (rat)*
development, *The post-natal development of the human cerebral cortex*. Vol. 1. *The cortex of the newborn* (Conel) 1939. 73, 674, *rev.*; vol. VII. *The cortex of the four-year child* (Conel). 1963. 98, 283, *rev.*
in foetal guinea-pig by means of ultra-violet microscope (Hughes & Flexner), 90, 386-94
postnatal, rat (Eayrs & Goodhead) 93, 385-402
development, effects of x-irradiation on (Berry & Eayrs) 100, 707-22
evolution, mechanical factors (Wright) 69, 86-8
fibres, association of striate area (Poljak) 60, 469, *P. (cat)*

The main afferent fiber systems of the cerebral cortex in primates (Poljak) vol. II, 1932. 68, 123-4, *rev.*
foetal, ultrastructure, rat (Berry & Holmes) 99, 940-1, *P. (dem.)*
frontal (Smith) 59, 13-14, *S.P.*
ablation, and terminal degeneration in diencephalon, cat (Auer) 90, 30-41
terminal degeneration following interruption of afferent fibres, rabbit (Glees, Meyer & Meyer) 80, 101-6; 80, 229, *P.*
functions (Carville & Duret) 11, 185-6, *rep. (animal expts)*; (Munk) 16, 137-41, *rep. (dog, ape)*
histogenesis (Berry) 97, 478, *P. (rat)*
localization of in relation to sulci (Schäfer & Horsley) 28, x, *P.*
histology (Campbell) 37, lxxi-lxxiv, *P.*
ground substance development, effects of hypothyroidism (Horn & Hess) 92, 419-24 (rat)
growth (Cunningham) 31, 586-98; 31, xxxix, *P. (t.o.)*
insula, *see* Insula
lamination, in *Tarsius* (Woollard) 60, 86-105
lesions, produced by devascularization of cortical areas (Sunderland) 72, 623, *P.*
and limb, upper, absence, study (Moorhead) 37, 46-9
margin, and morphology of fornix (Smith) 31, xxxiv, *P. (t.o.)*
nerve fibres and nerve endings, structures (Gerlach & Rindfleisch) 8, 171, *rep.*
neuronal packing density, comparative study (Scholl) 93, 143-58; correction, 93, 434-5
pathways, afferent and efferent projection (Ferrier & Turner) 31, 627-9 (monkey)
The organisation of the cerebral cortex (Sholl) 1956. 91, 146-7, *rev.*
physiology (Czermak) 9, 213, *rep.*
and pathology (Eulenberg) 11, 542, *rep.*
projection, on the pons and cerebellum, macaque monkey (Sunderland) 74, 201-26; 74, 142, *P. (t.o.)*
thalamic to, chimpanzee (Walker) 73, 37-93
relationship between cortical areas and cerebral sulci (Elliot Smith) 41, 237-54
of reptiles, particularly Gecko (Goldby) 69, 143, *P.*
stellate cells, form and growth, guinea-pig (Peters & Bademan) 97, 111-17
stimulation, electrical, results (Dupuy) 8, 396, *rep. (dog)*; (Carville & Duret) 8, 396, *rep. (dog)*
effects, on blood-pressure, heart and salivation (Lépine, Rochefontaine & Tridon) 10, 620, *rep. (dog)*
effects of varying intensity currents and anaesthesia on, (Hitzig) 8, 397, *rep. (dog)*
visceral (Rochefontaine) 11, 186-7, *rep. (dog)*
structure (Golgi's preparation) 26, 271-4, *abs.*
in atrophied and healthy brain (Major) 7, 170, *rep.*
minute (Cleland) 4, 303, *rep.*
and thalamus, connections (Le Gros Clark & Boggon) 69, 142-3, *P.*
vascularity, normal and cretinous rats (Eayrs) 88, 164-73
see also Areas
cingulate, and prefrontal, and hippocampus, afferent connections between (Adey & Meyer) 86, 58-74 (*Cercopithecus sabaeus*)
insular, nucleus amygdalae and claustrum, comparative anatomy (Landau) 53, 351-60; notes on this paper (Elliot Smith) 53, 361-2
kidney, cadmium chloride sub-lethal dose, histological effects on, rabbit, rat (Foster & Cameron) 97, 281-8
motor, *see* Areas, motor, of cerebral cortex

Subject Index

Cortex, (cont.)

- occipital**, pathway to superior colliculus and relationship to retinotectal pathway, rat (Lund) 100, 51-62
- prefrontal and cingulate**, and hippocampus, afferent connections between (Adey & Meyer) 86, 58-74 (*Cercopithecus sabaeus*)
- prepyriform**, degeneration, electron microscopy (Westrum) 100, 683-5, *P. (rat)*
- of *Phocaena phocaena* (porpoise) (Breathnach) 87, 96-113; 86, 494, *P.*
- of **suprarenal gland**, age changes (MacKinnon, P. C. B. & MacKinnon, I. L.) 93, 571, *P.*; 94, 183-92
- age and sex variations in fat (Tobin & Whitehead) 76, 342-6, (*rat*)
- cells, growth and degeneration, in rat (Baxter) 80, 227, *P.*
- growth cycle, adult rat (Baxter) 80, 139-46
- crystals birefringent in (Yoffey & Baxter) 80, 341, *P.*; 81, 335-45
- effects of ACTH upon cell multiplication and lipid distribution (Baxter) 80, 232-3, *P.*
- effects of cold and adrenaline on, Wistar rat, adult (Robinson & Yoffey) 83, 81, *P.*
- extract, administration of, and pituitary adrenotropic hormone, effect on suprarenal gland (Yoffey & Baxter) 81, 401-2, *P.*; 81, 404, *P. (dem.) (rat)*
- growth and mitosis (Whitehead) 67, 399-408 (*mouse*)
- histochemistry (Baxter & Yoffey) 81, 402, *P.*; 81, 404, *P. (dem.)*
- histogenesis, and distribution of lipid and ascorbic acid (Lever) 89, 293-300 (*rat*)
- hydroxysteroid dehydrogenases in (Calman) 99, 925, *P.*
- lipoid, proportion, sex difference, guinea-pigs over 1 year old (Whitehead) 70, 123-5
- variation (Harrison & Cain) 81, 286-99 (*rat*); 81, 385, *P.*
- with sex and age (Whitehead) 67, 399-408 (*mouse*)
- morphology, seasonal changes (MacKinnon, P. C. B. & MacKinnon, I. L.) 93, 567-8, *P.*
- man aged 20-86 years (MacKinnon, P. C. B. & MacKinnon, I. L.) 94, 183-92; 93, 571, *P.*
- mitosis and growth (Whitehead) 67, 399-408 (*mouse*)
- Pithecus* (Hill) 68, 19-38
- pituitary and lymphoid tissue, in rat (Yoffey & Baxter) 80, 227, *P.*
- rabbit (Roaf) 70, 126-34
- relation to structural changes in heart and kidney (Harrison) 80, 239, *P.*
- sweating, and emotional (MacKinnon) 90, 562, *P.*
- transitory, involution (Whitehead) 67, 387-92 (*mouse*)
- vascularization, effect of sympathetic nerve stimulation, rat (Brown & Harrison) 98, 11-16
- temporal**, lesions, and ensuing degenerative changes (Thompson) 35, 147-65 (*monkey, marmoset*)
- visual**, see Area, visual, of cerebral cortex
- Corti**, organ of, development (Pritchard) 13, 99-103 (*kitten*)
- preparation for microscopy, (Moseley) 7, 170, *rep.*
- Cortico-striate**, see Cortex, cerebral and Corpus striatum
- Cortisone**, cleft palate induced by, mechanism hybrid mouse embryos (Harris) 99, 924, *P.*
- compound E and compound A, effect on bone marrow, guinea-pig (Yoffey et al.) 86, 494, *P.*
- effect, on amniotic fluid volume, during closure of secondary palate (Harris) 98, 471, *P. (mouse)*
- on bone growth and structure (Sissons & Hadfield) 89, 69-78 (*rabbit*)

- on brain trauma (Field) 88, 556, *P.*
- on growth of cranial base and lower jaw during secondary palatal closure, strain A mice (Harris) 97, 636, *P.*; morphogenesis (Harris) 98, 689, *P.*
- large doses, effect on neonatal rat (Field) 91, 278-85; 89, 559
- on thymus, appendix vermiformis, spleen, lymph glands, Peyer patches, rabbit (Field) 90, 428-39
- on microglia, development (Field) 89, 201-8 (*mouse, rat, man, sheep, goat*)
- on pancreas of foetus after maternal administration (Lee & Ring) 90, 583, *P. (rabbit)*
- on tensile strength of wounds, rabbit (Bourne) 86, 490, *P.*
- teratogenic (Millen & Woollam) 91, 592, *P. (rat)*
- influence of radiation (Woollam, Millen and Fozzard) 92, 644, *P. (rat)*
- protective effect of insulin (Millen & Woollam) 92, 644, *P. (rat)*
- and vitamin A, administered to pregnant rats, effects on embryos (Harris) 94, 291, *P.*
- Cortisone acetate**, effect on response of the regional lymph node to skin homograft (Scothorne) 90, 417-27 (*rabbit*)
- Corvidae** (birds), osteological notes (Shufeldt) 22, 309-50
- Coryne ferox*, observations (Wright), 1, 335
- Costo-vertebral variations**, in gorilla (Struthers) 27, 131-8
- Cotarnamic acid**, hydrochlorate, physiological action (Legg) 5, 257-64 (*dog, frog*)
- Cotarnine** (Hesse) 8, 224, *rep. (frog, rabbit)*
- Cotyloid bone**, in pelvis of cat (Sutton) 29, xvii-xviii, *P.*; comments (Howes) 29, xxviii, *P.*
- Coughing** (Koht) 9, 218, *rep. (cat, dog)*
- Counting**, differential, of nerve fibres, leucocytes, etc. (Romanes) 81, 403, *P. (dem.)*
- Cow**, corpora lutea (Hammond) 76, 229, *P. (dem.)*
- development, early (Hamilton) 76, 228, *P.*
- tubal and uterine ova, (Amoroso et al.) 76, 229, *P. (dem.)*
- Coyu rat**, see *Myocastor coypus*
- Coxa vara**, due to congenital defect of the neck of femur (Fairbank) 62, 232-7
- Crab**, American king, see *Limulus polyphemus*
- Crab-plover**, see Aves, *Dromus ardeola*
- Cranes**, osteology (Shufeldt) 29, 21-34
- Cranial appendages**, see Appendages, cranial
- Cranial bones**, alkaline phosphatase and vitamin C deficiency in regeneration (Bourne) 83, 61-2, *P.*; 82, 81-7 (*guinea-pig*)
- developing, models (Fawcett) 43, 1, *P. (June 1908) (t.o.)*
- dorsal, arrangement, fishes (Allis) 69, 233-91
- fissures, congenital, 36, 303, *rep.*
- latero-sensory lines and snout of *Stegocephali* compared with those in fishes (Allis) 70, 293-316
- regenerating, alkaline phosphatase and vitamin C deficiency in (Bourne) 83, 81-7 (*guinea-pig*); 83, 61-2, *P.*
- variations (Gruber) 8, 159, *rep.*
- Traite des variations des os du crane de l'homme, et de leur signification au point de vue de l'anthropologie zoologique* (Le Double) 1903. 38, 375-6, *rev.*; 38, 365, *rep.*
- see also Cranium, crania
- Craniofacial variations in a Central Australian Tribe. A radiographic investigation of young adult males and females** (Brown) 1965. 100, 680, *rev.*

Subject Index

- Craniology**, of Irish (Aran Islanders) (Co. Galway) (Haddon) in *Proc. R. Irish Acad.*, Dec. 12, 1892 29, 141, 142, *rev.*
(Tipperary) (Browne) in *Proc. R. Irish Acad.*, Feb. 27, 1893, 29, 141, 142, *rev.*
of North-American Indians (Apaches) (Shufeldt) 21, 525-35
- Craniometer**, (auricular height) modification (Parsons) 44, 397-8
description, and age changes in anthropoid skull (Keith) 44, 251-70
- Craniometry** (Welcker) 1, 153, *rep.*
Researches in craniometry, vol. 1, (Cameron) 1928, 63, 392-3, *rev.*; vol. II, 1931, 66, 279-80, *rev.*
of Admiralty Islanders (Turner) 16, 106-36
at autopsy (Waterston) 34, 256-9
Burmese (Hodgkinson) 65, 96-107
axis, cranio-facial (Cameron) 64, 324-36 (*comp.*)
and craniometer, John Grattan's (Symington) 38, 259-74; 38, xxviii, *P. (t.o.)*
Egyptians, 58 subjects (Smith) 60, 121-30
frontal bone, dimensions, intertemporal and interangular (Cameron) 69, 226-32
horizontal zones of the facial norma in modern and fossil man (Cameron) 66, 114-22
index, cranial (Cameron) 65, 177, *P. dem.*
nasion-alveolar height and the nasal width, proportion between (Cameron) 63, 412-24
triangle, gnathic, inferior, significance in modern and fossil man, the anthropoids and lower mammals (Cameron) 67, 318-30
superior (Cameron) 65, 122-36
instruments for measurement (Todd) 60, 473, *P.*
a new method (Bunn & Turner) 91, 580, *P.*
(Punjab outcast tribes—50 skulls) (Charles) 26, 1-25; 27, 5-20
tables for calculating length, breadth and height (Welcker) 4, 300, *rep.*
The ancient races of the Thebaid (Thomson & Randall-Maciver) 1905, 39, 513-14, *rev.*
see also Capacity, cranial
Headform, Skull
- Craniopagus parietalis**, 44, 100, *rep.*
one case (Scholefield) 63, 384-8; 63, 160, *P. (t.o.)*
- Craniorrhachischisis**, 38, 362, *rep.*
anencephalus and janiceps, 1 case, 42, 136, *rep.*
- Craniostat**, Reserve, use of for measuring shrinkage of skull (Todd) 57, 336-56
- Cranium**, crania *see also* Cranial bones
account of some ancient kinds of (Canestrini) 3, 195-6 *rep.*
affinities of man and apes, (Virchow) 6, 435, *rep.*
base (Flower) 4, 163, *rep. (carnivora)*
growth (Scott) 90, 594, *P.*
basilar impression its causes and consequences (Boogaard) 1, 178-80
see also Platybasia
and mandible, relationship, effect of cortisone during secondary palate morphogenesis (Harris) 98, 689, *P.*
capacity, *see* Capacity, cranial
evolution, (Thomson) 37, lxxi, *P. (t.o.)*
freezing, effects on contents (Symington) 37, 97-106
growth, relative contribution of sutural and of ectocranial deposition of bone (Hoyte) 92, 654, *P.*
length and breadth, relations, charts showing (Duckworth) 51, 376-91
measurements, *see* Craniometry
showing metopic suture and fontanelle and sutural bones (Patten) 46, 33-5 (*chimpanzee*)
morphology (Sutton) 22, 28-37; discussion, 22, iii-iv, *P.*
osseus, structure (Magnus) 5, 385, *rep. (bird)*
photography, composite, comparison by (Thomson) 19, 109-14 & 230
primordial, *Erinaceus europaeus* (Fawcett) 52, 211-50
of *Gerbillus* (Jerboa) (Fawcett) 63, 159, *P.*
Microtus amphibius 25-mm stage, sections and model, (Fawcett) 51, 309-59
Miniopterus schreibersi, 17-mm. total length stage (Fawcett) 53, 315-48
models (Fawcett, Llewelyn & Dobson) 61, 516-17, *P. (dem. only)*
Poecilophoca weddelli, 27-mm. C. R. length (Fawcett) 52, 383-411
in *Procyon* (coney) (Llewelyn) 59, 84-7, *S.P.*
Tatusia novemcincta, embryos (Fawcett) 55, 187-217; 59, 28-9, *S.P.*
vault of, observations (Fawcett) 57, 245-50
Xerus, at 17 and 19 mm. stages (Fawcett) 57, 221-37; 59, 16, *S.P.*
progenetic (Meyer) 3, 195, *rep.*
sutures, premature closure in 7-months foetus (Heschl) 4, 300, *rep.*
synostosis (Fraenkel) 5, 192, *rep.*
tables for calculating length, breadth and height (Welcker) 4, 300, *rep.*
see also Craniometry
trephined, Early Bronze age (Cave) 73, 362, *P. (dem.)*
variations about 2000 specimens, *Studies in cranial variation* (Russell) 1900, 35, 275-6, *rev.*
acroscaphocephalic, with intraparietal suture (Patten) 59, 111-12, *S.P.*
from Island of Kwaiawata, New Guinea (Duckworth) 41, 1-5
with bilateral and symmetrical complete bipartite division of parietals (Patten) 46, 28-32 (*orang*)
and clavicle, congenital variation (Hultkrantz) 33, 500 (*ref. only*)
and of face, caused by amniotic band, 42, 136, *rep.*
microcephalic (Cave) 68, 135, *P.*
ossification, irregular, in man and apes (Duckworth) 35, viii-ix, *P.*
sacrocephalic, one case (Zaaijer) 8, 386, *rep.*
tumour, in osseous, frontal region (Duckworth) 45, 140-3
see also Dysostosis, cleidocranial
- Cranium**, crania, of
aborigines, American, *Crania Ethnica Americana* (Gegenbaur) 1892, 27, 565, *rev.*
of Australian (Duckworth) in *J. Anthropolog. Inst.*, May 1894, 29, 142, 144, *rev.*
Acheulean man, fragment found at Bury St Edmunds (Keith) 47, 73-9
African, occipital curvature as indication of physical affinities (Allbrook) 92, 669-70, *P.*
Aino, immature, report (Kennedy) 5, 343-7
Weitere Beiträge zur Craniologie der Bewohner von Sachalin—Aino, Giljaken und Oroken (Tarenetzky) 1893, 28, 385-6, *rev.*
American, general remarks (Huxley) 2, 253-71
Amia calva, and visceral arch skeleton (ganoid) (Bridge) 11, 605-622
Arctocephalus (Turner) 3, 113-17
Australians and South Sea Islanders (Köllicker) 4, 152, *rep.*
birds, classification (Huxley) *abs.* 1, 369-71
Burmese, measurements (Hodgkinson) 65, 96-107
Cebus capuchinus, parietal bones divided (Patten)-59, 79-80, *S.P.*
Celtic, so-called, various forms (Rolleston) 3, 252-5
chimpanzee (Hartmann) 7, 334, *rep.*

Subject Index

- Cranium, crania, of chimpanzee (cont.)**
Trogodytes schweinfurthii (Giglioli) 7, 334, *rep.*
 Descartes (Gervais) 6, 435, *rep.*
 Engisoid (Patten) 43, iii, P. (July 1907) (*t.o.*)
Eumetropias elongatus (seal) (Gray) 9, 405, *rep.*
Felis concolor (puma) showing division of right parietal and temporal bones (Patten) 59, 97, *S.P.*
 Fuegian (Huxley) 2, 253-71
 gorilla, 2 specimens (Duckworth) 35, viii-ix, P.
Gorilla savagei 108 skulls, (Duckworth) 29, 335-45
 human and pongid (Wyman) 3, 195, *rep.*
 Indian, North-American, 2000 specimens, 84 tribes (Schufeldt) 22, 91-214; errata, 25, 222-4
 in *Lepus* (Himstedt) 5, 384, *rep.*
Lepus cuniculus, with Wormian bones in coronal and sagittal structures (Howes) 24, xvii-xix, P. (3 specimens)
 monkeys, South American (*Myetes seniculus* & *Cacajas melanocephala*) (Fawcett) 67, 194, P. (*disc. only*)
 negro (Old Calabar, West Africa) (Smith) 3, 385-9
 Neolithic, series, demonstration (Cave) 72, 626, P.
 New Zealand and Tartary, contrast (Huxley) 1, 60-77
 Norse people (Virchow) 5, 192, *rep.*
Otaridae (Gray) 4, 163, *rep.*
 Patagonian (Huxley) 2, 253-71
Phascolumys latifrons (broad-headed wombat) (Macalister) 7, 337, *rep.*
 Polish (Tschaussow) 33, 213, *abs.*
Polypterus, especially *Polypterus bichir* (Allis) 56, 189-294
 Scots, characters, general, 176 specimens (Turner) 37, 392-408
 South Sea Islanders and Australians (Köllicker) 4, 152, *rep.*
 Swiss, found in pile-dwelling *Crania Helvetica Antiqua* (Studer & Bannwarth) 1894. 29, 332-3, *rev.*
 Tartary and New Zealand, contrast (Huxley) 1, 60-77
 from Wallfisch Bay, S. W. Africa (Duckworth) 41, 211-15
- Crayfish**, fresh-water, stomach (Parker) 11, 54-60
Creatine, in muscle, in various diseases (Perls) 4, 321, *rep.*
 physiological studies (Bogoslowsky) 8, 204, *rep.*
Creceis acicula, nervous system (Stuart) 6, 449, *rep.*
Crest, ganglion, *see* Crest, neural
Crest, neural, *The neural crest* (Hörstadius) 1950. 85, 405-6, *rev.*
 cranial, evolution in mammals (da Costa) 61, 500, P.
 of embryo, ten-somite (Baxter & Boyd) 73, 318-26; 72, 624-5, P.
 placodal relations, cat (Halley) 89, 133-52; 85, 429, P.
 visceral arch cartilages, origin from (De Beer) 73, 671, P.
- Cretinism**, 40, 293-4, *rep.*; 43, 116, *rep.*
 in calves, 40, 293, *rep.*
 cortex, cerebral, vascularity, rats (Eayrs) 88, 164-73
 and other forms of dwarfism (Bayon, Weygandt) 39, 498, *rep.*
Cricetus auratus (golden hamster), development, early (Hamilton & Samuel) 90, 395-416
 conducting tissue in the heart (Walls) 76, 359-68; 76, 224, P. (*t.o.*)
 eggs, living (Samuel & Hamilton) 76, 204-8
- Crinoids**, anatomy of arms of *Antedon eschrichtii*, *Actinometra armata* and *Actinometra nigra*, part I (Carpenter) 10, 571-85; part II, 11, 87-95
- Crista galli**, pneumatization (Gruber) 10, 440, *rep.*
Crocidura coerulea (musk shrew) development, early stages (Sansom) 68, 141, P.
- Crocodylia**, arrangement of muscular fibres (Hair) 2, 26-41
 conducting system in heart (Davies, Francis & King) 86, 152-61
 development of the columella auris in (Goldby) 59, 301-25
 ear-flaps, mechanism (Shute & Bellairs) 88, 551, P.
 and lemuridae, morphology (Carleton) 72, 167-8, P.
 nares, muscle and innervation from sympathetic system (Bellairs & Shute) 87, 367-78; 87, 448, P.
see also under specific names
Crocodylus porosus, Jacobson's organ, nasal cavity, lacrimal duct, and Harderian gland in (Meek) 27, 151-60
 morphogenesis, head (Meek) 45, 357-77
Crocodylus crocuta Erxleben (spotted hyena) placentation (Morton) 91, 374-82; 90, 581, P.
- Cross-breeding**, influence of previous sires (Bell) 30, 259-74 (*dog, horse, man, pigeon*)
Crosses of Ranvier, in nerve fibres, method of demonstrating (Stirling) 24, 607
- Crossman-Mallory triple stain**, *see* Stains and staining
Croton-chloral (Liebreich) 6, 494-5, *rep. (animal)*
 hydrate, actions (Mering) 10, 654, *rep.*
Cruentine, (Thudicum) 3, 232, *rep.*
Crus, crura, anomalous, 2 cases (Guinane) 59, 83-6
 of diaphragm, and suspensory muscle of diaphragm (Low) 42, 93-6; 43, ii, P. (July 1907)
- Crustacea**, cardiac inhibitory nerve (Eckhard) 2, 191, *rep.*
 hypnotism (Czermak) 9, 213, *rep.*
 parasitic, anatomy (Hartmann) 5, 200, *rep.*; (Hartmann) 5, 388, *rep. (Lernoeccera barnimii)*
 spermatozoa (Bütschli) 6, 449, *rep.*
Cryptobranchus, quadrate bone (Edgeworth) 57, 238-44
 skeleton, larval hyobranchial and musculature (Edgeworth) 57, 97-105
Cryptobranchius japonicus, carpus and tarsus (van der Hoeven) 1, 185-6, *abs.*
 muscles and nerves (Humphry) 6, 1-61
- Cryptomelia**, 32, 793, *rep.*
Cryptophthalmus, 1 case (van Duyse) 34, 417-18, *rep.*
Cryptorchism, *see* Testes, descent, failure
Crystalloids, fate of intra-neural injection (P₃₁ tracer technique) (Brierley & Field) 84, 61-2, P.
- Crystals**, birefringent, in suprarenal cortex, formation (Yoffey & Baxter) 81, 335-42; 80, 241, P.
- Cuboid**, and os peroneum, primate foot (Manners-Smith) 42, 397-414
- Culture(s)**, explant, primary, effect of reserpine and guanethidine on argentaffin cells of mouse (Schofield & Southwell) 99, 948, *P.A.S.A.N.Z.*
Culture and the direction of human evolution (ed. by Garn) 1964. 100, 415, *rev.*
 organ, aorta, effect of steroids related to cholesterol, rabbit (MacDougall *et al.*) 99, 211-12, P. (*dem.*)
 blastocyst implantation in, further studies, rabbit (Glenister) 97, 149, P.
 influence of oestrogens and progesterone on endometrium (Everett) 97, 149-50, P. (*guinea-pig*)
 under high pressure oxygen (MacDougall) 97, 149, P.
 at hyperbaric oxygen pressure (MacDougall & Pyper) 99, 211, P.
 liver, at hyperbaric pressures of oxygen (MacDougall *et al.*) 99, 192, P. (*mouse, rat*)
- tissue**, *An introduction to cell and tissue culture* (Staff of Tissue Culture Course, Cooperstown) 1949-53. 89, 554, *rev.*
 interference microscopy of cells (Abercrombie, Ambrose, Easty & Heaysman) 89, 575, P.

Subject Index

- Cumulus oophorus**, removal from egg, fertilization and development following, rabbit (Dickmann) 98, 397-402
- Cuneiform bone(s)**, (Gruber) 5, 375, *rep.*
 accessory ossicle (Turner) 3, 448, *rep.*
 medial, divided, 1 specimen (Black) 28, xx, *P.*;
 (Thane) 28, xx, *P.*
 double (Boyd) 25, vii, *P.*; 1 case (Barclay) 67, 175-7, *anat. not.*
 relations of dorsalis pedis artery to (Hensman) 18, 60-1
 and semilunar bones, fusion, 2 cases, negroes (Derry) 41, 56-8
- Cuneiform bone (hand)** *see* Triquetral bone
- Cuon primaevus** (Indian wild dog) anatomy (Murie) 7, 335, *rep.*
- Cupulae**, of internal ear and membranes otolithic, and tectorial of cochlea, histochemical staining (Wislocki & Ladman) 89, 3-12 (*mouse*)
- Curara**, action (Bert) 4, 169, *rep. (dog)*; (Steiner) 10, 220, *rep. (fishes, amphibians, birds, mammals)*
 on conductivity of spinal nerves (Vulpian) 4, 314, *rep.*
 and of curara-like substances (Buchheim & Loos) 4, 314, *rep.*
 effects, on electromotor activity of muscle and nerve (Roeber) 4, 169, *rep.*
 structural, of repeated doses (Goujou) 4, 169-70, *rep. (rabbit)*
 influence on volume of lymph and number of white blood corpuscles (Tarchanoff) 11, 198-9, *rep. (frog)*
 and strychnia, mode of toxic action (Vulpian) 4, 313-14, *rep.*
 variety of, as muscle poison (Tillie) 28, 96-106 (*frog, rabbit*)
see also Curare
- Curare**, and alkaloids, pharmacology (part I) (Tillie) 24, 378-406; (part II) 24, 509-16; (Tillie) 25, 41-59 (*cat, dog, frog, rabbit*)
 effects (Voisin & Liouville) 1, 368, *abs.*
 injection and oral administration in rabbit (Hermann) 2, 186, *rep.*
 on body temperature (Riegel) 6, 237, *rep.*
 as poison (arrow), researches (Beigel) 2, 329-60
 poisoning, effect on heart (Brondgeest) 1, 175, *abs.*
- Curarine**, as poison (arrow), researches (Beigel) 2, 329-60
 effect on blood-pressure (Tillie) 25, 41-59 (*cat, dog, rabbit*)
 action on heart (Tillie) 25, 41-59 (*frog, rabbit*)
- Curlew**, long-billed, *see* *Numenius longirostris*
- Currents**, electrical, ascending and descending, effects on growth of tissues and nerves (Kosaka) 60, 470, *P. (t.o.)*
 effect on heart (Foster & Dew-Smith) 10, 735-71 (*frog, toad, tortoise, dog-fish*)
 of gastrocnemius muscle in frog, effect of extra-conduction on (Reymond) 7, 179, *rep.*
 induced (Onimus) 8, 423, *rep.*
 instantaneous and continuous in unipolar excitation (Chauveau) 10, 633, *rep.*
 interrupted, action on heart (Foster) 3, 400-1 (*frog*)
 opening and closing of (Engelmann) 5, 218, *rep.*
 in ray (*Melapterurus and Gymnotus*) (Robin) 1, 165, *rep.*
- Curvature**, of stomach, duodenum (Young) 32, xli-ii, *P.*
 abnormal (Bryce) 33, xxvii-xxx, *P.*
 formation (Frazer) 53, 292-7
 lesser blood supply, man (Barlow) 85, 421, *P.*
 and chronic gastric ulcers, 91, 573, *P.*
 occipital bone, Bushmen, Negroes (Tobias) 92, 652, *P.*
- indication of physical affinities, Africa (All brook) 92, 669-70, *P.*
- Cusculus**, *see* *Phalangista maculata*
- Cushions**, intra-arterial, in arteries of eye (Moffat) 91, 577, *P. (rat)*
 development (Moffat) 93, 579, *P. (rat)*
 reversal of plasma-skimming effect as a result of the differential sampling of the bloodstream by (Fourman & Moffat) 95, 281, *P.*
 subendothelial, of umbilical arteries (Monie) 79, 137-44
- Cusps**, valves of aortic (Windle) 29, iv-v, *P.*
 supernumerary, demonstration (Wakeley) 65, 170, *P.*
 mitral anterior, with septal attachment (Rolleston) 31, xxii, *P.*
 pulmonary (Windle) 29, iv-v, *P.*
 accessory (Campbell) 30, 347-8 (1 case); 4 cusps (Griffith xx-xxi, *P.*; 4 cusps (Reid) 46, 86-8 (1 case)
- Cutaneous innervation**, *see* Skin
- Cuticle of teeth**, *see* Nasmyth's membrane
- Cuttle-fish**, development of eye (Lanckester) 9, 207, *rep.*
- Cyami**, infestation of cetacea (Lütken) 9, 405, *rep.*
- Cyanaea capillata**, nervous system (Woollard & Harpman) 73, 361-2, *P.*
- Cyanaea lamarchi**, *see* Coelenterata
- Cyanates**, action in body (Rabuteau) 7, 193, *rep.*
- Cyanogen**, action of blood (Laschkewitsch) 3, 469, *rep.*
- Cyclamine**, action (Vulpian) 3, 226-7, *rep. (frog)*
- Cycle**, cardiac (Vulpian) 9, 230, *rep. (curarised dog)*
 menstrual, effects of oestrin on baboons and macaques (Parkes & Zuckerman) 65, 272-6
 leucocytes, variations during, (MacKinnon) 87, 463, *P.*
 of primates (Zuckerman) 65, 165, *P. (t.o.)*
 skin, sexual, chimpanzee (Zuckerman & Fulton) 69, 38-46
 and squamous cells of the upper alimentary tract (Henderson) 84, 404-5, *P.*
- mitotic**, *The mitotic cycle. The cytoplasm and nucleus during interphase and mitosis* (Hughes) 1952, 87, 215-16, *rev.*
- oestrous** (Corner) 59, 92, *S.P. (mammals)*; (Hamilton & Gould) 73, 358-9, *P. (ferret)*; (Bacsich & Wyburn) 73, 669, *P. (guinea-pig)*
 fatty substances and glycogen in uterus of ferret during (Nicol) 73, 362-3, *P.*
 ovary changes during, goat (Harrison) 82, 21-48
 variations in virgin guinea-pig, and after parturition and during pregnancy (Nicol) 68, 144, *P.*
- reproductive**, vaginal smear technique, value in following (Lloyd-Jacob & Scott) 89, 565-6, *P.*
 skin, sexual, effect of cerebral lesions, baboons (Zuckerman) 91, 599, *P.*
- Cyclocephaly**, 37, 300, *rep.*
- Cyclophotography**, movements of spine when lifting (Davies *et al.*) 99, 13-26
- Cyclopia**, 26, 434, *rep.*; 28, 372, *rep.* 3 cases, 30, 459-60, *rep.*; 32, 786-7, *rep.*; 1 case, 33, 511, *rep.*; 1 case, 34, 413, *rep.*; 40, 295, *rep.*; 43, 118-19, *rep.*; 1 case, 61, 105-11; 1 case (Stibbe) 66, 140, *P.*; (MacDougall & Dow) 81, 404, *P. (dem.)*
 artificial production, 43, 115, *rep.*
 arrynchus, in sheep, 25, 441
 brain (Cleland) 12, 518-25 (*full-term human foetus, pig, lamb*)
 foetal, with hernia encephali (Watkyn-Thomas) 44, 57-63
 nearly full-term, (De & Dutta) 73, 499-500

Subject Index

Cyclopia, (cont.)

- lamb (*Cyclops rhinocephalus*) (Gladstone & Wakeley) 54, 196-207
- neurohistology in case with hernia cerebri (Watkyn-Williams) 44, ii, *P. (t.o.)*
- puncta lacrimalia and canaliculi in (Morton) 85, 410, *P. topography*, 2 human foetuses (Silver) 90, 561, *P.*
- Cyclostomata*, homologues of skull (Allis) 58, 256-65
- orbito-ethmoidal region (Allis) 60, 164-72
- skeleton (Gegenbaur) 4, 163, *rep.*
- Cyclothurus didactylus*, myology (Galton) 4, 162, *rep.*
- limbs (Humphry) 4, 17-78
- Cynocephalus anubis*, muscles and nerves (Champneys) 6, 176-211
- Cynocephalus hamadryas* (baboon) anatomy (Macalister) 7, 171, *rep.*
- Cynoglossus officinale*, action (Setschenow) 3, 225, *rep. (frog)*
- Cyst(s), blood**, in cardiac valves, human (Dow & Harper) 71, 117-23; 70, 198, *P. (t.o.)*
- branchial (Sutton) 21, 289-98; 44, 100, *rep.*
- cervical, in dog, 40, 299, *rep.*
- mid-line, congenital (Genouville) 28, 374, *rep.*
- (neck) congenital, 14 cases, 42, 137, *rep.*; 36, 303, *rep.*
- congenital, of eye, 5 mm. human embryo (Morton) 84, 400-1, *P.*
- at base of tongue, 1 case (Johnson) 34, 417, *rep.*
- dentigerous, 1 case (Windle & Humphreys) 21, 665-9
- dermoid, and chorionepithelioma, with metastases, 1 male (Ritchie) 39, 504-5, *rep.*
- of neck (Lenoble & Civel) 34, 416, *rep.*
- developmental, oral cavity, human foetuses (Scott) 89, 561, *P.*
- Gartner's, 38, 370, *rep.*
- median, congenital, of neck, 38, 366, *rep.*; 39, 504, *rep.*
- ovarian, vaginal, sacral, lingual, tracheal, origin (Sutton) 20, 432-55
- pelvis, foetal, with multiple abnormalities (Ribbert) 39, 506, *rep.*
- pineal, and body, pineal (Cooper) 67, 28-46; 66, 142, *P. (t.o.)*
- sub-arachnoid, involving parietal lobe (Cunningham) 13, 508-17 (1 case)
- sub-dural, (Ewart) 9, 364-7
- thyroglossal, 1 case (Faure) 28, 374, *rep.*
- and development of thyroid (Frazer) 44, 395-6, *anat. not.*
- Cystine**, (or cysteine) protein-bound, presence of substance rich in, in neurosecretory system of *Leucophaea maderae* (Sloper) 91, 577-8, *P.*
- constitution and physiological relation (Dewar & Gamgee) 5, 142-9
- separation from urine (Delépine) 24, 346-8
- Cystophora cristata*, observations (Walker) 7, 335, *rep.*
- Cytoarchitecture**, *The cytoarchitectonics of the human cerebral cortex* (Economo, trans. Parker) 1929. 63, 389, *rev.*
- Cytoarchitecture of the human brain stem* (Olszewski & Baxter) 1954. 89, 424, *rev.*
- of boundaries of areas 13 and 14 (Beck) 83, 147-57
- of cerebral cortex (Arndt) 2, 395-6, *rep.*
- quantitative (Sholl) 92, 633, *P.*
- Cytodifferentiation* (edited by Rudnick) 1958. 94, 279, *rev.*
- Cytology**, *Histologie und mikroskopische Anatomie des Menschen* (Bargmann) vols. I & II, 1948 & 1951. 87, 324-5, *rev.*
- Cytology and cell physiology* (edited by Bourne) 1942. 77, 122-3, *rev.*

- Biochemical cytology* (Brachet) 1957. 92, 631-2, *rev.*
- Subcellular particles* (ed. by Hayashi) 1959. 94, 143, *rev.*
- An introduction to cell and tissue culture* (Staff of Tissue Culture Course, Cooperstown) 1949-53. 89, 554, *rev.*
- Cytology and evolution* (Willmer) 1960. 95, 143, *rev.*
- Cytotrophoblast**, contribution to syncytium, placenta (Boyd & Hamilton) 100, 535-48
- Daefecation**, physiology (Gobrecht) 8, 410, *rep.*
- Dama dama* L. (fallow deer) placenta, development, early (Harrison & Hyett) 87, 457-8, *P.*
- placentomes, development and growth (Harrison & Hyett) 88, 338-55
- Darkness**, eye maturation in mole (Quilliam) 98, 685, *P.*
- see also Light, deprivation
- Darnley, Lord**, possible skull of, with reference to diploic veins and age (Harris) 64, 116, *P.*
- Dasyprocta isithmica*, myology (Windle) 31, 343-53
- Dasyus novemcinctus* (nine-banded armadillo) *Recherches sur les enveloppes foetales du tatou à neuf bandes (Dasyus novemcinctus)*. (Edwards) *Annales des Sciences Naturelles*, VI ser. Tome VIII, no. IV. 14, 256-7, *rev.*
- placenta, villous haemochorial, development and structure (Enders) 94, 34-45
- electron microscopy (Enders) 94, 205-15
- sex structures, accessory in male (Glover) 97, 474, *P.*
- Dasyus sexcinctus* see *Euphractus*
- Dasyus villosus*, nasal-floor bone in, hitherto undescribed (Broom) 31, 280-2
- Dasyuroidea**, sperm tails (Cleland) 99, 953-4, *P.*
- Dasyurus maculatus*, ceruminous glands (Burne) 44, i, *P. (dem.)*
- Dasyurus maugei*, ear conch, gland upon (Burne) 43, 312-13
- Dasyurus viverrinus*, myology of limbs (MacCormick) 21, 103-37 (fore-limb); 21, 199-226 (hind-limb)
- Data**, *The treatment of clinical and laboratory data* (Mainland) 1938. 72, 637-8, *rev.*
- Daturia**, action (Oulmont & Laurent) 5, 205, *rep.*
- De humani corporis fabrica* (Vesalius) fourth centenary (Singer) 77, 261-5
- Death**, a certain sign (Magnus) 7, 190-1, *rep.*
- The chemistry of death* (Evans) 1963. 98, 460-1, *rev.*
- cause after varnishing skin (Lang) 7, 189, *rep. (animal)*; (Laschkewitsch) 3, 216-17, *rep. (animal)*
- from congenital malformations, age and sex incidence (Pearl) 39, 496-7, *rep.*
- electrical excitability of muscles after (Rosenthal) 7, 191, *rep.*
- intrauterine, in rat, membranes, uterine, changes (Pritchard & Huggett) 81, 212-24; 80, 219, *P.*
- ophthalmoscopic sign (Bouchut) 9, 248, *rep.*; (Gayat) 11, 545, *rep.*
- Decalcification**, bone (Gooding & Stewart) 66, 142-6, *P.*
- Decamethonium**, paralysis, effects on vertebral column of chick embryo (Sullivan) 99, 954, *P.A.S.A.N.Z.*
- Decidua**, and early embryo (Reichert) 8, 167-8, *rep.*
- antimesometrial, and decidua capsularis of the rat placenta, (Bulmer & Dickson) 94, 291-2, *P.*
- development, in early pregnant rats, and glycogen and alkaline phosphatases (Christie) 100, 431, *P.*
- disappearance, and fibrinoid capsule of rat placenta (Bulmer & Dickson) 95, 300-10
- Decortication**, see Hemidecortication

Subject Index

- Decussation(s), supra-optic, lemniscus, medial and fibres, strio-hypothalamic, contribution of (Glees) 78, 113-17, (*cat, rabbit*)
ventral, supraoptic, origin, spinal, in *Ateles* (spider monkey) (Chang & Ruch) 83, 1-9
- Deer, Chinese water, see *Hydropotes inermis fallow*, see *Dama dama* L.
hog, see *Cervus porcinus*
giant Irish, see *Megaceros giganteus*
Mexican, see *Cervus mexicanus*
Panolian, see *Cervus eldi*
Père David's, see *Elaphurus davidianus*
red, see *Cervus elaphus*
see also Cervidae
roe, antlers (Turner) 27, ii, P.
Shanghai river, fertility and placentation (Ewart) 12, 225-8
- Degeneration, axones, terminal, visualized by cholinesterase (Williams) 97, 625-6, P.
cell, retrograde, following lesions of the fornix system (Daitz & Powell) 87, 456, P. (*rat, rabbit, macaque monkey*)
anterior nuclei of thalamus (Powell & Cowan) 98, 579-85 (*rabbit*)
corticofugal, following thermocoagulation of areas 4, 6 and 4-s in *Macaca mulatta* (Verhaart & Kennard) 74, 239-54
cystic, of heart, spleen, liver and kidneys in man aged 77 years, (Meigs) 27, 454-63
experimental, in avian optic tectum, electron microscopy (Gray & Hamlyn) 96, 309-16
fibre, cortex, cerebral, following experimental craniotomy, cat, rabbit, (Harris) 94, 216-23
following lesions of the amygdaloid complex in the monkey (Nauta) 95, 515-31 (*Macaca mulatta*)
nerve, degeneration in central nervous system, study of histological methods used (Evans & Hamlyn) 89, 572, P.
cutaneous (Weddell & Glees) 76, 65-93 (*rabbit ear*); 76, 226, P. (*disc. only*)
following lesions of the hippocampus-fornix system (Powell & Cowan) 89, 563-4, P.
retrograde, anterior nuclei of thalamus (Powell & Cowan) 98, 579-85 (*rabbit*)
hydatiform, in early human embryo (Hamilton) 80, 244, P.
of hypothalamic connexions, rat (Guillery) 91, 91-115
following lesions of thalamo-frontal projection, 1 case, (Stern) 76, 302-7
mental, and anatomical stigmata (Rabaud) 39, 496, *rep.*
nerve(s), (Cossy & Déjérine) 10, 633, *rep.*
cell of Schwann activity in tissue culture (Thomas) 85, 414, P.
grafts, rabbit (Sanders & Young) 76, 143-66
macrophages in, absence (Bolt & Yoffey) 83, 79, P.
non-myelinated, absence of cell multiplication (Joseph) 81, 135-9; 81, 375-6, P.
nuclear population changes (Joseph & Wendell-Smith) 93, 460-4 (*rabbit*)
and nuclear multiplication and cell migration (Abercrombie, Evans & Murray) 93, 9-14, (*rabbit*)
degenerating, and normal boutons, spontaneous demonstration in spinal cord (Sterling & Kuypers) 100, 723
splanchnic, greater, peripheral stump, quantitative nuclear changes, (Joseph) 83, 55-6, P. (*rabbit*)
nodes of Ranvier, centrifugal structural changes at (Causey & Palmer) 87, 185-91; 87, 439, P.
peripheral, rate, effect of temperature (Gamble, Goldby & Smith) 91, 567-8, P. (*Lacerta viridis*)
and regeneration of (Eichhorst) 8, 400, *rep.*
electron-microscopy (Causey & Hoffman) 88, 554, P.
retrograde, in nucleus of oculomotor nerve, rhesus monkey (Warwick) 84, 402-3, P.
after section (Ranvier) 8, 186, *rep.*
in system, nervous, central comparison of silver techniques (Bielschowsky-Gros, Glees, and Nauta & Ryan) (Evans & Hamlyn) 90, 193-203
produced by tri-ortho-cresyl phosphate poisoning, cat (Patangia) 97, 644, P.
terminal, in frontal cortex, following interruption of afferent fibres (Glees, Meyer & Meyer) 80, 101-6; 80, 229, P.
in hypothalamus, a note on Glees silver technique (Cowan & Powell) 90, 188-92; 90, 566, P.
thalamic, induced by temporal lesions in the cat (Waller) 74, 528-36
transneuronal, in auditory relay nuclei, cat (Powell & Erulkar) 96, 249-68
in lateral geniculate nucleus, *Macaca mulatta* (Matthews, Cowan & Powell) 94, 145-69; 94, 288, P.; (Matthews) 98, 255-63
olfactory bulb, rabbit (Matthews & Powell) 96, 89-102; 95, 603, P.
in specific sensory nucleus of thalamus (Bowsher) 91, 611, P.
Wallerian, in nerve fibres, rate and progress, effect of temperature (Gamble & Jha) 92, 171-7 (*rat*); 92, 633-4, P.
endoneurial sheaths of peripheral myelinated nerve fibres, changes during (Thomas) 98, 175-82 (*rabbit*); 97, 476, P.
nuclear population, rabbit sciatic nerve (Abercrombie & Johnson) 80, 37-50
nuclear population at 21 days in nerve with small myelinated fibres (Joseph) 82, 146-52 (*rabbit*)
nuclear population in 2 nerves of different fibre spectrum, (Thomas) 82, 135-45 (*rabbit*)
- Deglutition (Moura) 2, 193, *rep.*
air-way, protection during (Negus) 59, 69-70, S.P.
position of epiglottis in (Stuart & M'Cormick) 26, 231-8 (1 case)
Eustachian tube in (Cleland) 3, 97-103
mechanism (Fiaux) 10, 647, *rep.*
and innervation of (Kronecker, Falk & Meltzer) 16, 486-9, *phys. not.*
modifications, Ross seal (King) 99, 206-7, P.
nerves (Waller & Prévost) 5, 210, *rep.*
radiological study (Johnstone) 77, 97-100
study by graphic method (Arloing) 9, 425, *rep.*
tongue in (Abd-el-Malek) 89, 250-4; (Whillis) 80, 115-16
- Dehiscence, of fruit of *Momordica elaterium* (Yule) 11, 348-52
- Dehydrogenases, hydroxysteroid, in adrenal cortex (Calman) 99, 925, P.
in the ovary (Ferguson) 99, 926, P. (*rodent*)
succinic, reaction of tissues, effect of adrenalectomy and injection of steroid hormones (Malaty & Bourne) 87, 449, P.
- Delafield's haematoxylin, see Stains and staining
Delphinapterus leucas (white whale), anatomy (Struthers) 30, 124-56
structure of brain (Major) 13, 127-8
- Delphinia, action (Cayrade) 4, 165, *rep.*
- Delphinidae (dolphins), notes on (Burmeister) 6, 445-6, *rep.*
remains of various (du Bus) 8, 176, *rep.*

Subject Index

- Delphinus forsteri* (Hector) 7, 335, *rep.*
Delphinus novae-Zealandia (Hector) 7, 335, *rep.*
Delphinus albirostris, viscera (Cleland) 18, 327-34
Delphinus bairdii, preliminary description (Dall) 7, 335, *rep.*
Delphinus delphis foetus and foetal membranes (Gervais) 7, 336, *rep.*
lung structure (Barbosa) 50, 285-92
Delphinus phocaena, pregnant, description (Malm) 9, 404-5, *rep.*
Delphinus sinensis, skeleton (Flower) 5, 382, *rep.*
Demyelination, by organophosphorus compounds (Field) 91, 576-7, *P.*
Dendrites, of neurons, in cortex of cerebrum, visual and motor, organization, cat (Scholl) 87, 387-406; 87, 444, *P.*
see also Cells, dendritic
Denervation, motor, muscle atrophy after (Vulpian) 7, 178, *rep.*
Dental anatomy, *see* Anatomy, dental
Dental series, abnormality in human (Galton) 6, 428-30
Dentine, argon ion beam etching, and of dentine (Boyde & Stewart) 96, 414, *P. (man and Macropus)*
demineralized, electron microscopy (Noble & Carmichael) 95, 617, *P.*
fractured, carbon replica study (Lester) 100, 924, *P. (mammals)*
innervation (Stewart) 61, 439-51; 61, 489, *P. (t.o.)*; (Lewinsky & Stewart) 70, 749-53; (Cocker & Halton) 89, 189-92; (Tiegs) 72, 234-46; comment on Dr Tiegs paper on termination of nerves in human teeth (Lewinsky & Stewart) 72, 627-8, *anat. not.*
histology, (Fearnhead) 91, 267-77; 90, 575, *P.*
tooth, and odontoblasts (James) 88, 548, *P.*
see also Teeth
Dentistry, *Anatomy for dental students* (Keene & Whillis) 1950. 85, 299-300, *rev.*
Dentition, *Dentition and palate of the Australian aboriginal* (Campbell) 1925. 60, 462, *rev.*
deciduous, in *Mammalia*, (Flower) 6, 443, *rep.*
of *Hypsiprymnus (Bettongia) penicillatus* (Leslie) 13, 546-8
of insectivora (Mivart) 1, 281-312
mammalian and reptilian, relation between, fifth odontological essay (Bolk) 57, 55-75
mandibular of *Soricidae* (shrews) (Dobson) 20, 359-60, *anat. not.*
of *Mesoplodon bidens* (Sowerby's whale) (Turner) 16, 458-70
of *Microgale longicauda* (tenrec) (Dobson) 16, 355-61
of narwhal (*Monodon monoceros*) (Turner) 7, 75-7
foetal (Gervais) 9, 205, *rep.*
reptilian and mammalian, relation between, fifth odontological essay (Bolk) 57, 55-75
of rhinoceroses (Gray) 8, 176, *rep.*
of *Talpa* (Bate) 2, 174, *rep.*
upper, and skeleton, middle facial, of *Proconsul major* (Allbrook) 100, 946, *P.A.S.A.N.Z.*
variations, mammals (Magitot) 9, 204-5, *rep.*; (Elliot Smith) 43, 1, *P. (June 1908) (t.o.)*
Ashanti skull (Duckworth) 46, 215-27
greatly reduced and irregular, 1 cranium (Duckworth) 41, 208-10
in horse and anencephalous calf, 37, 306, *rep.*
numerical (Magitot) 9, 397, *rep. (mammalia)*
Catalogue of the specimens illustrating the osteology and dentition of vertebrate animals (recent and extinct) contained in the museum of the Royal College of Surgeons of England (Flower) part 1, 1879. 14, 269-70, *rev.*
see also Anatomy, dental; Skull; Teeth
Dentures, *Principles of full denture prosthesis* (Fish) 1933. 68, 577, *rev.*; 3rd ed., 1937. 72, 136, *rev.*
Deoxyribonucleic acid, activity and content, mouse liver cells (Birchmeier) 99, 955, *P.A.S.A.N.Z.*
synthesis, effect of gamma irradiation on, in regenerating mouse liver (Malor) 100, 945, *P.A.S.A.N.Z.*
Deradelphus, 36, 301, *rep.*
Dermis, histology and histochemistry, in hairy and non-hairy parts in man, with special reference to baldness (Singh & McKenzie) 95, 569-74
see also Skin; Epidermis
Dermochelys (sphargis) coriacea heart (O'Donoghue) 52, 467-80
Dermoids, ovarian, hair colour in, 42, 135, *rep.*
recurrence, 43, 123, *rep.*
sequestration, investigation of in epithelial pearls (Kanthak) 26, 501-8
Dermoptera, *Cynocephalus*, *see* *Galeopithecus*
Derodidymus, 33, 513-14, *rep.*; 35, 501, *rep.*
tortoise, behaviour, 33, 514-15, *rep.*
Descartes, cranium (Gervais) 6, 435, *rep.*
Descemet's membrane, and accommodation of eye (Heiberg) 4, 332-3, *n.*
Desmosomes, intestinal epithelium (Muir) 96, 422, *P.*
Desoxycorticosterone acetate, treatment with, causing variations in organ size (Selye) 76, 94-9 (rat)
Determinism, and individuality of germ, 37, 298, *rep.*
Development, *Immunology and development*, (ed. by Edds) 1958. 94, 279, *rev.*
The pathology of development. A study of inherited skeletal disorders in animals (Grüneberg) 1963. 98, 461-2, *rev.*
A theory of the formation of animals (Hillier) 1932. 66, 435-6, *rev.*
Environmental influences in prenatal development (ed. by Mintz) 1958. 94, 279, *rev.*
The Developmental Biology Conference series, 1956. (Weiss). 94, 279, *rev.*
Principles of development (Weiss) 1939. 74, 411-12, *rev.*
Analysis of development (Willier, Weiss & Hamburger) 1955. 89, 555-6, *rev.*
arrested, two specimens (Freezer) 66, 139-40, *P.*
and excess, 36, 297-8, *rep.*
of bony fishes (His) 10, 457, *rep.*
critical period in mammals (Broom) 32, 714-20
early, in domestic mammals (Amoroso & Griffiths) 73, 359, *P.*
in vertebrates (Balfour) 10, 457, *rep. (amphioxus, selachian, batrachian, bird)*
effects of electricity and magnetism on (Windle) 29, 346-51, (*expts. hens eggs, trout & silkworm ova*)
variations (Giacomini) 30, 451, *rep.*
see also Abnormalities, congenital, and headings throughout index
Devil, Tasmanian *see* *Sarcophilus harrisi*
Dextrocardia, 1 living case (Stoven) 29, 466, *rep.*
with vascular anomalies (Griffith) 26, 117-29 (1 case)
Dextrose, effect on development of frog's egg, 42, 132, *rep.*
Diabetes, *The Croonian lectures on certain points connected with diabetes* (Pavy) 1878. 13, 290, *rev.*
Diabetes insipidus, analysis of urine in (Hofmann) 5, 225-6, *rep. (1 case)*
experimental (Sheehan) 71, 141, *P.*
Diabetes mellitus (Pawlinoff) 10, 651, *rep.*
appearance of acetone in urine (Rupstein) 9, 439, *rep.*
after inhalation of carbonic acid (Senff) 4, 321, *rep.*

Subject Index

Diabetes mellitus, (cont)

- cause in relation to sympathetic nerves and hepatic blood supply (Cyön & Aladoff) 6, 476-7, *rep*
 diastase action of blood corpuscles in relation to (Tiegel) 7, 187-8, *rep*
 experimental induction of (Kuntzel) 7, 187, *rep*; (Bock & Hoffmann) 9, 440, *rep* (rabbit); (Pavy) 9, 244, *rep* (animal)
 cytology, and islets of Langerhans, dog (Richardson) 73, 673, *P. (dem)*
 induced by damage to the nervous system (Eckhard) 2, 188-9, *rep*
 and glycogenic function of the liver (Steiner) 8, 209, *rep*; (Bernhard) 8, 417, *rep*; (Kulz) 11, 564, *rep*
 and hydruria (Brunton) 8, 421, *rep*
 metahypophyseal, and islets of Langerhans cells, cat (Lever & Jeacock) 94, 293, *P.*
 pancreatic, experimental and pathological evidence for (Harley) 26, 204-19 (dog)
 sugar consumption by animals with and without (Seelig) 8, 421-2, *rep*
 temperature in (Foster) 3, 377-8
 uric acid excretion and creatinine in (Gaechtgens) 4, 181, *rep*
 Dialysis, of blood serum, egg white and milk through gelatinized paper (Schmidt) 10, 640-2, *rep*
 Diapedesis (Arnold) 8, 403, *rep*
 of red and white blood cells (Caton) 5, 35-47 (frog, tadpole, fish)
see also Leucocytes
 Diaphanous corpuscles, *see* Corpuscles, hyaline
 Diaphragm, *see* Muscles, striped, diaphragm
 central tendon, *see* Tendon
 Diastematomyelia, foregut diverticulum and spina bifida, and other congenital abnormalities, 7-month foetus (Robson) 92, 652, *P.*
 and spina bifida cystica (Barson) 99, 424-5, *P. (dem)*
 Diastole, of heart ventricles, cause (Garrod) 3, 390-3
 Diazobenzol sulphate, physiological action (Jaffé) 9, 221, *rep*
 1: 2: 5: 6-dibenzanthracene, effects on lymph glands (Lasnitzki & Woodhouse) 78, 121-9 (rat)
 Dicephalus, 1 case, 30, 456-7, *rep*
 brain stem in newborn human foetus (Warner) 95, 617, *P.*
 Dicephalus dibrachius, 38, 364, *rep*
 Dicephalus tetrabrachius tetrapus, 43, 117, *rep*
 Dicephalus tribrachius, 43, 117, *rep*
 Dicerorhinus (Sumatran rhinoceros) visceral anatomy of (Garrod) 8, 176, *rep*
 Didelphys (common opossum) structure of nipples (Gegenbaur) 10, 454, *rep*
 Didelphys cancrivora, spinal cord doubling, 42, 134, *rep*
 Didelphys virginiana pouch young, development (Stone) 81, 397-8, *P.*
 suckling mechanism (Boyd) 67, 210, *P.*
 Diemyctilus viridescens (common American newt), brain (Gage) 28, 380, 382, *rev* (larval to adult)
 Diencephalon Untersuchungen über die Vergleichende Anatomie des Gehirns (Edinger) 1st part, Das Vorderhirn, 1888, 2nd part, Das Zwischenhirn, Heft 1, 1892 27, 200, *rev*. (Selachia, Amphibia)
 degeneration, terminal, and ablation of frontal cortex (Auer) 90, 30-41 (cat)
 higher sympathetic centres (Beattie) 64, 124-5, *P.*
 Diet, effect on oxidation sensitivity of rat haemoglobin (Metcalf) 95, 452, *P.*
 meat and fat (Pettenkofer & Voit) 8, 204, *rep*
 metabolism (Pettenkofer & Voit) 8, 207-8; meat and carbohydrates, 8, 415-16, *rep*

- and nerve fibre myelination, rat (Tomasch) 95, 180-90
 protein, effect on animals (Pettenkofer & Voit) 7, 350, *rep*
 treatment of disease (Parkes) 9, 233, *rep*
 Digestion (Pavey) 6, 460, *rep*; (Garland) 9, 234, *rep*
 and absorption in large intestine (Falck) 10, 647, *rep*
 of alimentary substances, (Leven) 9, 234, *rep*
 artificial fluid for (von Wittich) 4, 320, *rep*
 bile function in (Schiff) 5, 224, *rep*
 of fat (Cash) 16, 147, *rep*
 gastric, factors influencing (Schiff) 7, 351-2, *rep*. (cat, dog)
 of proteins (Gillespie) 27, 195-223 (in vitro expts)
 normal, in infants (Wegscheider) 10, 647, *rep*
 and nutrition, contribution to knowledge of (Hermann) 4, 179, *rep*
 pancreatic, formation of aspartic acid during (Radziejewski & Salkowski) 9, 426, *rep*
 action of infused beverages on (Fraser) 21, 337-61, (in vitro expts), 31, 469-512
 gases produced by (Kunkel) 9, 426, *rep*. (in vivo expts)
 of proteins (Kühne) 2, 158-61, *abs*
 peptic, action of infused beverages on (Fraser) 18, 13-48 (in vitro expts); 20, 361-87; 21, 337-61, 31, 469-512
 salivary, of starch (Robertson) 32, 615-51
 Digestion-oven, with diffusion apparatus (Kronecker) 9, 360-3
 Digitalin, actions (Brunton) 1, 154, *rep*; (Gourvat) 6, 499-500 *rep*. (frog, dog, rabbit); (Boehm) 8, 227-8, *rep*
 on heart (Ackermann) 8, 227, *rep*
 crystalline, mode of action (Megevand) 8, 228, *rep*. (rabbit)
 effect on reflex activity (Meishwizeen) 8, 229-30, *rep* (frog)
 and saponin, antagonistic action (Koehler) 8, 231-2, *rep*
 Digitalis, action (Lorain) 5, 205-6, *rep*; (Fothergill) 6, 500, *rep*
 on blood vessels (Brunton & Meyer) 7, 134-8 (dog)
 diuretic (Brunton) 9, 241, *rep*
 on heart (Foster), 6, 500, *rep*
 on reflex inhibitory centres of frogs (Weil) 6, 500, *rep*
 effect upon excretion of urea (Mégevand) 5, 206, *rep*
 effect in oedema (Ackermann) 6, 500, *rep*
 influence on pulse (Paul) 3, 226, *rep*
 Digits, bones, development, comparative (Struthers) 28, 51-62
 development in cetacea (Symington) 35, xxi, *P. (t o)*
 innervation, cutaneous (Richelot) 10, 445-6, *rep*
 ligaments, cutaneous (Grayson) 75, 164-5
 malformations (Leboucq) 31, 462, *rep*; (Joachimsthal) 31, 62-3, *rep*
 hereditary (Wilkie) 24, 167-8
 transmission, (Ogle) 7, 332, *rep*
 reduction, congenital (Poelchau) 26, 439, *rep*
 supernumerary, 43, 124, *rep*
see also, Fingers, Pollex
 Digitus minimus valgus, 42, 139, *rep*
 Dimorphism, sexual, exhibited in rigor mortis, Rana temporaria (Crew) 54, 217-21
 Dingo, skeleton, 3000 years old, from D. J. Mulvaney's archaeological excavations at Fromm's landing, Lower Murray River (Macintosh) 98, 491, P.A.S.A.N.Z.

Subject Index

- Dinocerata* (Marsh) (Garrod) 7, 267-70
description of remains, found in the Eocene beds of Wyoming, (Marsh) 7, 337, *rep.*
- Dinomys*, description (Peters) 9, 404, *rep.*
- Dinornis*, anatomy (Owen) 4, 162, *rep.*; (Owen) 5, 384, *rep.*
- Dinornis australis*, osteology (Owen) 9, 406, *rep.*
- Dinosauria* (Huxley) 4, 309, *rep.*
- Diopiodon sechellensis*, skeleton (Gray) 5, 197, *rep.*
- Dioxane, a substitute for dehydration and clearing, demonstration, (Carleton) 72, 176-7, *P.*
- Diphallus, *see* Penis, double
- Diphtheria, toxin, action on cardiac muscle of frog (Sharp) 31, 199-201
treatment (Brown) 12, 1-34
- Diplax perithemis*, embryology (Packard) 7, 338, *rep.*
- Diplopia, mode of demonstrating nature (Stuart) 25, 297-8
monocular, demonstration (Barrett) 19, 97
- Dipnoi*, arteries, coronary, and note on evolutionary significance (Foxon) 84, 121-31
and *Amphibia*, autostylism (Edgeworth) 59, 225-64
and other fish, homologies of shoulder-girdle (Gill) 7, 338, *rep.*
- Diprosus tetrotus hemicrania*, *see* Anencephaly, with duplicity
- Diprotodon australis* (?pigmy hippopotamus), anatomy (Owen) 5, 384, *rep.*
- Diprosopus triophthalmus*, 1 case, 30, 456, *rep.*
- Dipygus parasitus*, male, 1 case (Clopat & Hallsten) 28, 373-4, *rep.*
- Direction, visible (Jago) 8, 187, *rep.*
- Disc, articular, mandibular, role in healing process, following excision of articular surfaces of mandibular joint, rabbit (Sprinz) 97, 345-52
radio-ulnar, morphology (Corner) 32, 272-7 (*dog, cat, human foetus*); 32, xxx-i, *P.*
- intervertebral, development, and structure (Carlier) 24, 573-84 (*sheep*)
prenatal, man (Peacock) 85, 260-74
cross-sectional area, dog (Smith & King) 93, 590, *P.*
human and comparative (Dixon) 55, 38-9
postnatal structure, (Peacock) 86, 162-79
reactions to experimental lesions, rabbit (Walmsley & Smith) 84, 74, *P.*
and teleology (Hendry) 92, 672, *P.*
see also Nucleus, pulposus
- intra-articular and intervertebrae (Cleland) 24, 373-8; 24, xiii, *P.*
- mandibular (Dixon) 93, 568, *P.*; rabbit (Sprinz) 91, 583-4, *P.*
- optic, and macula lutea, relative positions to posterior pole of the eye (Fison) 54, 184-8
- temporomandibular, *see* Disc, mandibular
- Disease, affinity and evolution (Clark) 21, 239-63
Civilisation and disease (Donnison) 1937. 72, 467-8, *rev.*
constitutional, *Constitution und constitutionelles Kranksein des Menschen* (Beneke) 1881. 21, 675-9, *rev.*
introduced, as a cause of death among Tasmanian aborigines (Plomley & Wilkinson) 98, 489, *P.A.S.A.N.Z.*
- Disinfection, and putrefaction (Hoppe-Seyler) 6, 470, *rep.*
- Dislocation, intra-uterine, of humerus (Ermano) 29, 467, *rep.*
- Dissections, *Dissections illustrated; a graphic handbook for students of human anatomy* (Brodie) 1893. 27, 565, *rev.*
Human dissection; its drama and struggle (Lassek) 1958. 93, 139, *rev.*
- Methods of dissection* (Mizeres & Gardiner) 1963. 98, 137-8, *rev.*
- Topographisch-anatomische Präparierübungen* (Voss) 10th ed. 1964. 99, 676, *rev.*
- Vertebrate dissection* (Walker) 1954. 89, 423-4, *rev.*; 1960; 95, 144-5, *rev.*
- of a bushwoman, including note on external features and measurements, myology, arterial system, abdominal and pelvic viscera (Flower & Murie) 1, 189-208
- human, introduction, film (Wendell-Smith, Longmore & Engel) 93, 563, *P.*
- new solution for injection of cadavera (Wilson) 45, 1-2
- spleen, equine, racing and non-racing, testis and mammalian uteri, demonstrations (Smout) 72, 614, *P.*
- technique, (Longmore) 93, 570, *P.* (*TV dem.*)
see also Techniques, anatomical
- Dissociation, chemical, in metabolic processes (M'Kendrick) 39, 285-94
- Distichiasis congenital, 42, 137, *rep.*; 43, 119, *rep.*
- Distoma clavatum*, from *Xiphias gladius* (Cobbold) 2, 406, *rep.*
- Disulphide and sulphhydryl groups, in the human vaginal epithelium (Asscher, Turner & de Boer) 90, 577, *P.*
protein-bound, distribution in tissues, and deficiency of vitamin A, rat (Redfearn & Strangeways) 91, 391-7
- Diuretics, effect in healthy individual (Nunneley) 5, 394, *rep.*
- Diverticula, of appendix, vermiform, congenital (Hedinger) 39, 507, *rep.*
- of bladder, urinary, 1 case (Wakeley) 57, 375-7; 59, 63, *S.P. (t.o.)*
1 case (Thompson) 59, 62, *S.P.*
congenital, mid-line (Thompson) 35, 492-5
true, (Corbett) 59, 105-7, *S.P.*
- branchial (Sutton) 21, 289-98
- in branchial fistula (Léjars) 27, 418, *rep.*
- duodenum, (Letulle) 34, 420, *rep.*; (Rolleston & Fenton) 35, 110-13; (Grant) 57, 357-9
congenital, 35, 504, *rep.*
unusual (Jackson) 42, 219-20
and jejunal, associated with pancreatic duct abnormality (Dean) 92, 664, *P.*
- foregut, with spina bifida and diasternatomyelia 7-month foetus (Robson) 92, 652, *P.*
- of heart (Arnold) 29, 466, *rep.*
- jejunal, 1 case (Buxton) 58, 84-7; 59, 63, *S.P.*
and duodenal, associated with pancreatic duct abnormality (Dean) 92, 664, *P.*
- laryngeal (Griffith) 30, xv-xvii, *P.*
- Meckel's, one case (Coupland) 10, 617-18; 37, 307-8, *rep.*; 44, 105, *rep.*; (Buchanan) 27, 559-63; (Mitchell) 32, 675-8; 42, 138, *rep.*; (Eccles) 42, 456-7, *anat. not.*
4/298 cases (Kelynack) 26, 554-5
abnormal position of (Clarkson & Collard) 26, 444
5½ ins. length (Parsons) 42, 349; 43, v, *P.* (November 1907) (*t.o.*)
hammer-shaped (Gladstone) 42, 459, *anat. not.*
occurrence (Collective Investigation, Anatomical Society) 26, 89-90 (229 specimens)
pancreatic tissue in wall (Durward & Nabano) 71, 141, *P. (t.o.)*
pseudo (Jamieson) 36, xxiv, *P.*
- oesophagus, (Letulle) 34, 420, *rep.*; (Stoney) 34, ii-iii, *P.* November 1899, (1 case); (Denyer) 39, 89
- pericardium (Jamieson) 36, xxvi, *P.*

Subject Index

- Diverticula, (cont.)**
 pyloric canal and duodenum, 43, 121, *rep.*
 ureter (Herbert) 39, 507, *rep.*
- Diving**, heart in, experimental *Phoca vitulina* (Harrison & Tomlinson) 92, 658, *P.*
- Division, meiotic**, changes in cytoplasmic concentration and mass during (Barer & Joseph) 93, 565, *P.*
 mitotic, periodicity, rhythmical, of animal cells (Carleton) 68, 251-63
- Dog, Topographical anatomy of the dog** (Charnock Bradley) 3rd ed. 1935. 70, 322, *rev.*
Guide to the dissection of the dog (Miller) 1952. 88, 434, *rev.*
Anatomy of the dog (Miller et al.) 1964. 99, 405, *rev.*
 blastocyst (van der Stricht) 58, 52-3; 59, 65-6, *S.P.*
 blood supply of the hypophysis cerebri (Basir) 66, 387-98
 Cape hunting, see *Lycaon pictus*
 domestic, variations in cerebrum (Wilder) 9, 203, *rep.*
 Indian, wild, see *Cuon primaevus*
 posterior duplicity, reference to mammalian teratology (Mainland) 63, 473-95
- Dogfish**, male, clasper, unilateral absence of (Mudge) 34, iii, *P.* November 1899
 see also *Scyliorhinus canicula*
 rectal gland, embryology (Chan & Phillips) 100, 899
 smooth see *Mustelus levis*
- Dolichocephaly**, and brachycephaly, causation (Macalister) 32, 334-40
- Dolichotis patagonica**, myology (Windle) 31, 343-53
- Dolphin, On the development and structure of the whale: Part I. On the development of the dolphin** (Guldberg & Nansen) 1894. 29, 471, *rev.*
 and whales, distribution, habitat and migrations of (Gray) 7, 335, *rep.*
 found in New Zealand seas (Hector) 7, 335, *rep.*
 catalogue (Hector) 8, 176, *rep.*
 see also *Delphinidae*, *Delphinus phocoena*, *Sotalia brasiliensis*
 Chinese white, see *Delphinus sinensis*
 Cruciger, see *Lagenorhynchus cruciger*
 Risso's see *Grampus griseus*
 white-beaked, see *Delphinus albirostris*
- Dorsum manus**, see Hand, dorsum
- Dorsum sellae** (Cave) 68, 137-9, *P.*
- Dove**, carnivorous (Holmgren) 4, 335, *n.*
- Down's syndrome**, autopsies of two infants, 42, 133, *rep.*
 stature (Roche) 100, 948, *P.A.S.A.N.Z.*
- Drainage, lymphatic**, see Lymph drainage
 venous, of pampiniform plexuses of testes of rat (*R. norvegicus*) 95, 281, *P.*
 of spleen, rat (Braithwaite & Adams) 91, 352-7
- Drawing-reflector**, improved (Reeves) 11, 403-5
- Drawings**, accurate, a method of making (Stuart) 25, 300-1
- Dreams** (O'Dea) 7, 339-40, *rep.*
- Dromaius nova-hollandiae**, anatomy of (Duchamp) 8, 177, *rep.*
- Dromedary**, see *Camelus dromedarius*
- Dromiceius novaehollandiae** (emu) hemispheres, cerebral (Craigie) 69, 380-93
 see also Emu
- Dromus ardeola** (crab-plover) see Aves
- Dropsy**, in axolotl (Sutton) 21, 670-1
- Drugs**, effects on bile secretion (Bain) 33, 91-130
 experimental pathological studies on physiological action of, and toxins (Vulpian) 10, 654, *rep.*
 physical and physiological action of (Murray) 1, 319-22
- Duboisia**, action on circulation (Gibson) 16, 10-26
- Duck, Aylesbury**, gland, nasal, fine structure (Scothorn & Hally) 94, 581-2, *P.*
 domestic, nasal (supra-orbital) glands, histology and histochemistry (Scothorne) 93, 246-56; 92, 675, *P.*
 salt secretion (Scothorne) 93, 588, *P.*
 see also *Anas platyrhynchos*
- Ducts, ductus**
 arteriosus, 6 sibs, 38, 368, *rep.*
 carotid-body-like cells in adventitia of, pig (Boyd) 77, 116, *P.*
 and ductus caroticus, reptiles (O'Donoghue) 51, 137-49
 histology and histochemistry (Holmes) 92, 304-9 (rabbit, guinea-pig, rat); 91, 606, *P.*
 nerve supply (Boyd) 75, 457-68; 72, 146-8, *P.* (rabbit)
 patent, with 2 aortic valves, 38, 367, *rep.*
 and patent foramen ovale in lion cub (Franklin) 80, 209
 and patent foramen ovale, case in mature sheep (Beattie & Morton) 73, 662-3, *anat. not.*
 obliterative changes, postnatal, rabbit (Holmes) 92, 662-3, *P.*
 structure and obliteration (Walkhoff) 4, 302, *rep.*
 vasa vasorum X-ray microscopy (Clarke) 99, 527-37
 of Bellini, renal (Duran-Jorda) 89, 464-6
 bile, (Keith) 44, 1, *P. (dem.)*
 absent and rudimentary gall-bladder, 43, 122, *rep.*
 arrangement on lobules of liver (Chrzoniszewsky) 1, 146, *rep.*; (Irminger & Frey) 1, 146, *rep.*; (Wyss) 1, 146, *rep.*
 common, and pancreatic, histology, reference to ampulla of Vater and sphincter of Oddi (Kirk) 77, 120-1, *P. (5 specimens)*
 and pancreatic, terminal, portions, histology (Kirk) 80, 230, *P.*
 ligation, proliferation of cells in gall-bladder after (Jacoby) 88, 579, *P.*
 and gall-bladder, dilatation, congenital, 38, 369, *rep.*
 relations between (Keith) 35, xii-xiii, *P.*
 ligation, effect on liver (Legs) 8, 420-1, *rep. (cat)*
 glycogen content (Kulz & Frerichs) 11, 564, *rep.*
 orifice, see Orifice, of bile-duct
 and pancreatic, glands of, autoradiography and histochemistry (McMinn & Kugler) 95, 1-11 (animal studies)
 terminal parts, and musculature (Singh) 96, 383-8
 secretory, epithelium of (Legros) 9, 205, *rep. (rabbit)*
 caroticus and ductus arteriosus reptiles (O'Donoghue) 51, 137-49
 collecting, terminal of kidney (Johnson) 91, 578-9, *P. (man, cat and others)*
 of Cuvier, persistent, 1 case (Boyd) 34, ii, *P.* November 1899
 remnants in injected human foetus (Reagan) 80, 217, *P.*
 cystic and hepatic, paraduodenal union (Waring) 33, xx, *P. (t.o.)*
 ejaculatory, and relations, study by injection (McMahon) 72, 556-74
 epididymis, influence of mating on rate of transport of radiopaque medium, rat (Macmillan) 97, 643, *P.*
 hepatic and cystic, paraduodenal union (Waring) 33, xx, *P. (t.o.)*
 lacrimal, see Canaliculus, lacrimal
 lacteal and thoracic (Cushing) 33, 355, *anat. not.*
 mesonephric, abnormalities (Harris) 57, 76-95
 caudal end, relation to paramesonephric duct (Wilson) 67, 208, *P. (t.o.)*

Subject Index

Ducts, mesonephric, (cont.)

- development (Robinson) 37, lxiii-lxv, *P.*
 lower ends, female pig embryo (Wood Jones) 48, 268-73
 and ovary, structure and development (Romiti) 8, 383, *rep.*
 terminal part (Frazer) 69, 455-68; 70, 192, *P.* (*disc. only*)
 and development of trigone of bladder (Monie) 80, 244-5, *P.*
Müllerian, *see* Duct, paramesonephric
pancreatic, abnormality associated with duodenal and jejunal diverticula (Dean) 92, 664, *P.*
 accessory, in relation to duodenal pouches (Howes) 28, xiii-xiv, *P.*
 rat (Herriott) 100, 945, *P.A.S.A.N.Z.*
 terminal part, musculature, Rhesus monkey (Singh) 96, 505-8; 97, 107-10
 autoradiography, rodents (McMinn & Kugler) 93, 573, *P.*
 and common bile, histology, reference to ampulla of Vater and sphincter of Oddi (Kirk) 77, 120-1, *P.* (5 specimens)
 terminal portions, histology (Kirk) 80, 230, *P.*
 and musculature (Singh) 96, 383-8
 glands, autoradiography and histochemistry (McMinn & Kugler) 95, 1-11 (*animal studies*)
 intrinsic innervation, and of M. sphincter ampullae (Libman & Sutherland) 100, 441, *P.* (*monkey, cat, rat*)
 and pancreas (Hell) 33, 354 (*ref. only*)
 preparation (Keith) 44, i, *P.* (*dem.*)
paramesonephric, *The development of the Müllerian duct of amphibians* (Wilson) 1896. 31, 164, *rev.*
 caudal end, and mesonephric, relations (Wilson) 67, 208, *P.* (*t.o.*)
 development, partial failure with absence of right kidney and incomplete descent of left ovary (Tapie) 27, 422, *rep.*
 epithelium, mouse, ('Espinasse') 69, 363-8
 fate in epididymis (Watson) 36, 147-61; 36, xxvi, *P.*
 persistent, in a male (Lockwood) 26, i-ii, *P.*
parathyroid of Pepere and ultimo-branchial body, (Robertson) 54, 166-9, (*cat, dog*)
periotic, and membrane, tympanic, secondary, comparative anatomy (Shute) 89, 569-70, *P.*
pronephric, development, experiments, *Amblyostoma tigrinum* and *Triton taeniatus* (O'Connor) 73, 145-54; 72, 615-16, *P.*
 anuran embryos (Tung & Kü) 78, 52-7
 effects of obstructing growth, *Amblyostoma tigrinum* (O'Connor) 73, 669, *P.* (*disc. only*)
 evolutionary significance of embryology, amphibian (O'Connor) 75, 95-100
of salivary glands, cytology and histochemistry (Hill & Bourne) 87, 445, *P.*
sweat glands, intra-epidermal (Cauna) 88, 559, *P.*
see also, Skin appendages
of testis, excurrent system, uptake of indian ink, rat (Macmillan & Clegg) 97, 154, *P.*
thoracic and lacteal (Cushing) 33, 354, *anat. not.*
 right-sided (Variot) 26, 439
 variations, 33, 519, *rep.*
 variations, a case of aberrant right subclavian artery (Brown) 16, 301-2, *anat. not.*
 associated with aberrant right subclavian artery (Thomson) 18, 416-25 (3 cases)
 absence of, causing oedema in a foetus (Smith & Birmingham) 23, 532-6

- thyroglossal** (Kanthack) 25, 155-65; (Marshall) 26, 94-9 (1 case)
 comment on C. F. Marshall's paper (Kanthack) 26, 197-8
 persistent, in rabbit (Pal) 68, 354-6
venosus, development, man and goat (Dickson) 91, 358-68; 88, 560, *P.*
 pig (Dickson) 90, 143-52; 88, 573, *P.*
 size (Dickson) 88, 547, *P.*
vitelline (Shepherd) 27, 421, *rep.*
 persistent, attached to vermiform appendix, specimen (Crymble) 59, 5, *S.P.*
 vitello-intestinal (Hickman) 4, 306, *rep.* (1 case)
 yolk-sac, presomite human embryo showing (Lewis & Harrison) 100, 389-96
Wolffian, *see* Duct, mesonephric
Dugong, Halicore, foetus (Turner) 28, 315-32
 placentation (Turner) 23, 640-1
 manus (Anderson) 32, 765-7
 osteology (van Beneden) 7, 336, *rep.*
 placenta and ovum (Harting) 13, 116-17, *abs.*
Dulong-Petit's law, analogies of, in animals (Adamkiewics) 11, 570, *rep.*
Dumb-bell bone, in *Ornithorhynchus* (Symington) 30, 420-32
Duodenum, alkaline phosphatase, *see* Phosphatase, alkaline
 anatomy topographical (Addison) 35, 171-8, 180-3; (Birmingham) 31, 95-113
 arterial supply (Yule) 61, 484, *P.*
 atresia, congenital, 36, 305, *rep.*; (Wakeley) 64, 527-8 (1 case)
 accompanied by volvulus of ileum, 1 subject, 7 days old (Gladstone) 48, 47-51
 attachments (Mackenzie) 51, 1-5, *P.* (June 1916)
 curvature, *see* Curvature
 development (Hunter) 61, 206-12; Note by J. E. Frazer, 61, 356-9; (Kanagasuntheram) 94, 231-40
 diverticula (Roth) 7, 332, *rep.*; (Letulle) 34, 420, *rep.*; (Rolleston & Fenton) 35, 110-13
 exhibition of specimen (Keith) 44, i, *P.* (*dem.*)
 congenital, 35, 504, *rep.*
 epithelium, accumulation of alkaline phosphatase in, influence of pituitary-adrenal axis, foetal rabbit (Bearn) 100, 449-50, *P.* (*dem.*)
 malposition (Wagstaffe) 58, 178-9 (1 case)
 megalo, with various vascular abnormalities (Baker & Kirk) 68, 350-3
 position (Addison) 38, xxxviii-xxxix, *P.*
 in foetus (Müller) 33, 354 (*ref. only*)
 pouch, 1 case (Reid) 43, 194, *anat. not.*
 and pylorus (Dwight) 31, 516-21
 ring-like extension of pancreas surrounding (Symington) 19, 292
 septum, transverse, 32, 791, *rep.*
 stenosis, demonstration (Wakeley) 65, 170, *P.*
 congenital, 1 case, (Ladennois) 34, 419-20, *rep.*
 variation (Gordon Taylor) 42, 348, *anat. not.*; (Nat & Mookerjii) 64, 250-3
 vascular patterns, intra-mural, brush-tailed possum (Perrott) 100, 945, *P.A.S.A.N.Z.*
 vertebral level of lower border of third part (Fawcett & Blachford) 38, 435-7 (337 subjects)
Duplicity, 35, 500-1; 36, 300-2; 37, 302-5, *rep.*; 38, 364-5, *rep.*; 39, 501-3, *rep.*; 40, 296-7, *rep.*; 43, 117, *rep.*
 anterior, 11-day female infant, with two mouths and two pituitaries (Bacsich *et al.*) 98, 292-3, *P.*
 trout, 43, 118, *rep.*
 in chick, 35, 500, *rep.*
 in the hen, 40, 297, *rep.*

- Duplicity, (cont.)**
 literature (Windle) 34, 413-16
 posterior, in dog (Mainland) 62, 473-95
 in trout, 36, 300-1, *rep.*; 43, 118, *rep.*
see also Monsters, double
- Dupuytren's contracture**, thumb, palmar aponeurosis
 distribution in relation to (Harper) 69, 193-5
- Dura mater**, at the cranio-vertebral junction (Rogers & Payne) 95, 586-8
 relation of to nerve supplying the temporo-maxillary joint (Fawcett) 27, 179-80
 sensitivity (Braun) 9, 210, *rep.*
 stimulation, movements produced by (Rochefontaine) 11, 542, *rep.*
 structure (Boehm) 4, 153, *rep.*
 vessels, cerebral, blood and lymphatic (Michael) 8, 174, *rep.*
- Dusts**, radio-opaque, in cat lungs, radiographs of distribution (Barclay & Franklin) 74, 559, *P. (dem.)*
- Dutch and Scandinavian contributions to anatomical and physiological sciences** (Moore) 1, 171-84, 363-7; 2, 194-9, 432-6; 3, 242-51; 4, 191-5, 332-9; 5, 227-32
- Dwarfism**, 12 cases (Schmidt) 27, 417, *rep.*; 34, 413, *rep.* (Manouvrier); 40, 292, *rep.*
Einiges über Zwergenwuchs (Birkner) 1899. 35, 271, 275, *rev.*
 associated with arrested development of the thyroid gland, (West) 57, 269-73; 59, 54, *S.P.*
 brother and sister (Poncet, Leriche) 39, 498, *rep.*
 and cretinism (Bayon, Weygandt) 39, 498, *rep.*
 description of 'Princess Paulina', 31, 456, *rep.*
 familial, 7 cases, 43, 116, *rep.*
 mentally defective, 1 case (Houzé) 27, 417-18, *rep.*
 and progeria (Gilford) 39, 499, *rep.*
 myxoedematous, rachitic and achondroplastic, 38, 362, *rep.*
 rickety skeleton (Humphry) 2, 42-6
- Dyes**, deposition in the skeleton and teeth of rats following intra-vital alizarinization (Tonge) 95, 606-7, *P.*
 teratogenic, nitrite sensitivity of rat haemoglobin to (Metcalfe) 95, 614, *P.*
 teratogenic, and nitrite sensitivity of rat haemoglobin (Metcalfe) 96, 420, *P.*
see also Stains and staining and names of dyes
- Dysostosis**, cleidocranial, 43, 124, *rep.*; 44, 100, *rep.*; 44, 107, *rep.*
 and normal skull formation (Reid) 66, 64-5
- Dyspnoea**, from warmth (Goldstein) 8, 203, *rep.*
- Dystrophia**, hormathica, an unrecorded form of defective ossification akin to achondroplasia.
 Studies in achondroplasia (Jones) 66, 565-77
- Ear**, *Atlas der Gehörorgane* (Rüdinger) part I, 1866. 1, 145, *rev.*
The temporal bone and the ear (Bast & Anson) 1949. 84, 57-8, *rev.*
Vererbung anatomischer Variationen der Nase, ihrer Nebenhöhlen und des Gehörorgans (Leicher) 1928. 63, 499-500, *rev.*
 accommodation (Mach & Kessel) 8, 187, *rep.*
 air-passages, demonstration (Symington) 23, ii, *P.*
 anastomosis arterio-venous, (Berlinerblau) 10, 450, *rep. (rabbit)*
 external, human (Prichard & Daniel) 90, 309-17 and blood supply, rabbit (Rossatti) 90, 318-28; 88, 577, *P.*
 anatomy (Politzer) 9, 416, *rep.*; (Williams) 93, 570, *P. (TV dem.)*
 demonstration (Gray) 84, 401, *P.*
 autografts of ileum to, rabbit (Joseph) 92, 669, *P.*
 blood supply and anastomoses, rabbit (Rossatti) 90, 318-28; 88, 577, *P.*
 bones, development in mouse (Jenkinson) 45, 305-18 of British Clupeoid fishes (Ridewood) 26, 26-42
 cetacean, osteology of skull-base, (Fraser) 92, 657, *P.*
 of elephant, Indian (Miall & Greenwood) 13, 17-50
 chamber, circulation, blood, in capillaries in connective tissue, rabbit (Bränemark & Lindström) 97, 323-32
 circulation (Moreau) 9, 221, *rep. (rabbit)*
 cold-caloric test (Bert) 4, 326, *rep. (rabbit)*
 drum, *see* Membrane, tympanic
 external, blood vessels, nerve supply, and cholinesterase, rabbit (Grant & Thompson) 97, 7-22
 development (Wood Jones & I-Chuan) 68, 525-33 of Carolan, last of Irish bards (MacConaill) 61, 476-7, *anat. not.*
 opening of, of *Balaena mysticetus* (Gray) 23, 300-7
 resonant functions (Wendt) 9, 220, *rep.*
 a synthetic resonator (Burnett) 8, 400, *rep.*
 of mouse (Schöbl) 6, 443, *rep.*
 hypertrophy, after cervical sympathectomy (Bidder) 9, 214-15, *rep. (rabbit)*
 internal, anatomy (Peet) 72, 613-14, *P.*; 72, 614, *P. (dem.)*
 and middle, right, reconstruction model (Fraser & Milne Dickie) 49, 119-35
 of *Osteolepis macrolepidotus* (Watson) 59, 385-6
 pathology (M'Bride) 14, 195-200
 semi-circular canals, functions (Solucha) 8, 400-2, *rep.*
 lobule, cleft, 25, 433-6
 meatus, external, temperature of (Mendel) 9, 416, *rep.*
 mechanism (McKendrick) 8, 400, *rep.*
 middle, air sinuses, soft parts, cetacea (Purves) 92, 657, *P.*
 comparative anatomy (Gray) 47, 391-413
 dissection, film (Gray) 93, 573, *P.*
 early formations, and pharyngotympanic tube (Fraser) 57, 18-30
 external, corrosive preparations (Stock) 44, iii, *P. (t.o.)*
 infection from spreading to cranial cavity (Odenius) 2, 194, *abs.*
 and internal, pathology of a fatal case of suppurative disease with cerebellar abscess (M'Bride & Bruce) 14, 360-7
 right, reconstruction model (Fraser & Milne Dickie) 49, 119-35
 muscles (Eschweiler) 33, 501, *anat. not.*
see also Organ, paratympanic; Tympanum
 (Peters) 4, 310, *rep. (comparative anatomy)*; (Broman) 33, 350 (*ref. only*)
 pinna, *see* Auricle of ear
 structure and mode of function (Moon) 4, 326, *rep.*
 tissue replacement in wounds, rabbit (Joseph & Dyson) 100, 421-2, *P.*
 variations, 44, 100, *rep.*
 cartilage ossification (Bochdalek) 1, 149, *rep.*
 congenital 40, 298, *rep.* 44, 98, *rep.*; 44, 100, *rep.*
 external, absence of auditory canal and other anomalies (de Lima) 47, 1-7
 internal, absence, with paralysis of facial nerve, in infant, 36, 304, *rep.*
 rudimentary muscles, pig (Stuart) 25, 301-3
 vertebrate, origin (Gaskell) 35, xiii-iv, *P.*
see also Hearing, organ of
- Ear cough**, physiology (Clarke) 4, 324, *rep.*

Subject Index

- Ear-flaps**, in Crocodilia, mechanism (Shute & Bellairs) 88, 551, *P.*
- Earthworm**, giant nerve fibres, electron microscopy, (Kashef) 100, 439, *P.*
see also Worms
- Ebers papyrus**, the oldest anatomical memoranda extant, notes (Ebers) 32, 775-8
- Ecchymosis**, haematological effusions caused by nerve activity (Brown-Séguard) 8, 403, *rep.*
- Echidna**, brain (Symington) 30, xx, *P.*
 epiphyses, structure (Haines) 72, 321, *P.*
 laryngeal cartilages (Burne) 38, xxvii, *P.*
 lymph glands, histology (Basir) 75, 267-8, *anat. not.*
 pterygoid, of monotremes (Kesteven) 79, 121-2
 alisphenoid, homology, and mammalian (Kesteven) 52, 449-62
 spleen and suprarenal glands, histology (Basir) 66, 628-49; 65, 178, *P. (t.o.)*
taenia clino-orbitalis, fate (Wilson) 40, 85-90; 40, v-vi, *P.*
- Echidna aculeata**, motor cortex and pyramidal tract of, experimental study (Goldby) 73, 509-24
hystrix, myology (Mivart) 1, 357, *rep.*
- Echinococcus**, development with particular reference to the formation of daughter-cells (Rasmussen) 1, 183, *rep.*
see also Tapeworms, *Taenia*
- Echinodermata**, pedicellaria and ambulacral arrangements of (Perrier) 4, 308, *rep.*
- Echinops**, dentition (Mivart) 2, 122-3
 skeleton, appendicular and axial (Mivart) 2, 122-3
 skull (Mivart) 2, 122-3
- Echinorhinus spinosus** (spiny shark) (Turner) 9, 297-301
 brain and cranial nerves (Jackson & Clarke) 10, 75-107
- Echinus esculentus**, ova, fertilisation and segmentation (Bryce) 34, li, *P.* July 1899
- Echinus sphoera** (sea urchin) ova and spermatozoa, vitality (Gemmell) 34, 163-81
- Eclipse Island**, Western Australia, lizards (*Egernia kingii*) with unusual thyroid gland (Bourne) 69, 515-19
- Ecology**, of African primates, aspects (Napier) 95, 602, *P.*
- Ectopia abdominalis**, *see* Eventration
- Ectopia cordis**, 1 case (Whillis and Green) 71, 148, *P.*
 and fissure of sternum (Barnado) 32, 325-33; 31, xxxvi, *P. (t.o.)*
- Ectopia testis**, 40, 300, *rep.*
- Ectopia vesicae**, (Smith) 2, 401-2, *rep.*; (Hamaide) 26, 437, *rep.*; (Barbarini & Dévé) 34, 412, *rep.*; 1 case (Jones) 46, 193-210; 2 cases (Thompson) 59, 34-5, *S.P.*; 3 cases (Thompson) 59, 83-4, *S.P.*
 with abnormalities of gut in new-born infant (Ogston) 17, 86-8
 aetiology (Wyburn) 71, 201-31
 with amputation of hind limb, 1 case (Davies) 76, 227, *P. (disc. only)*
 one case of death in puerperium (Litzmann) 8, 171, *rep.*
 dissection, 1 case (Humphry) 3, 81-7
 and multiple abnormalities, 36, 300, *rep.*; 39, 500, *rep.*
 and muscles of the perineum (Thompson) 65, 161-2, *P.*
 above double penis (Thompson) 64, 121, *P.*
 with persistent neurenteric canal, demonstration (Davies) 76, 229, *P.*
 spinal cord, of one case with amputation of one hind limb (Romanes) 76, 227, *P. (disc. only)*
- Ectopia viscerum** (Dakin) 26, 436-7, *rep.*
 associated with other abnormalities in stillborn foetus (Emrys-Roberts & Paterson) 40, 332-56; 40, ix, *P. (t.o.)*; 40, xiii, *P.*
 and spina bifida, associated with retroflexion of the trunk, with discussion on causation (Bryce) 29, 553-68
- Ectotympanic**, *see* Os ectotympanicum
- Ectrodactyly** 31, 462, *rep.*; 32, 794, *rep.*; 33, 524 *rep.*; 42, 128, *rep.*
 familial, (Bédart) 27, 422-3, *rep.*; 28, 378, *rep.*; 5 cases, 27, 422, *rep.*
- Ectromelia**, 35, 508, *rep.*; 36, 297, 306, *rep.*; 37, 309, *rep.*; 39, 507-8, *rep.*; 44, 107, *rep.*
 goat, skeleton (Pires de Lima) 49, 378-85
 hemi-, foetus, 1 case (Coronado) 34, 411, *rep.*
 and syndactyly (Rydgier) 27, 423, *rep.* (1 case of each)
- Edentata**, brain (Pouchet), 3, 458, *rep.*
see also *Dasyus sexcinctus*, *Pichiciño*, Sloths
- Edinburgh Anatomical School**, Historical sketch (Struthers, John) 1867. 1, 352, *rev.*
- Eel**, perfect hermaphroditism in (Ercolani) 6, 447-8, *rep.*; (Ercolani *et al.*) 7, 338, *rep.*
 hypophysis cerebri, ultrastructure (Knowles & Vollrath) 99, 940, *P. (dem.)*
see also *Gymnotus*; *Malapterurus*
- Effusions**, peritoneal, intra- and extra-, radiography (Mitchell) 72, 626, *P. (dem.)*
- Egernia cunninghamii**, (lizard), muscles, innervation (Tiegs) 66, 300-22
- Egernia kingii** (lizard) possessing unusual thyroid gland (from Eclipse Island, Western Australia) (Bourne) 69, 515-19
- Egg(s)**, *The mammalian egg* (Austin) 1961. 96, 541, *rev.*
 blastocyst stage, development, golden hamster (Hamilton & Samuel) 81, 383-4, *P.*
 capsule, (von Nathusius) 5, 387, *rep.* (ringed snake)
 cleavage, and germ-layer formation, monotreme (Hill & Flynn) 69, 150, *P. (disc. only)*
 golden hamster (*Cricetus auratus*) (Hamilton & Samuel) 90, 395-416
 development (Cramer) 3, 458, *rep.* (bird)
 and decay of pigment layer (M'Aldowie) 20, 225-37 (bird)
 effect of cane sugar, dextrose, certain salts, urea, 42, 132, *rep.* (frog)
 effect of trauma, 32, 781-2, *rep.* (fowl)
 influence of barometric pressure (Giacomini) 29, 463-4, *rep.*
 effects of chloroform, turpentine, essential oils, and tobacco on development of (Féré) 29, 464, *rep.*
 effect of temperature, atmospheric, 30, 453-5, *rep.* (fowl)
 experiments, on those of *Fundulus heteroclitus*, 44, 96, *rep.*
 results 31, 454, *rep.* (hen)
 fertilisation, (Dalcq) 61, 515, *P. (dem.)* (frog)
 and development following removal of cumulus oophorus, rabbit (Dickmann) 98, 397-402
 'first-laid', abnormalities, 40, 292, *rep.*
 germ layers (Köllicker) 9, 402-3, *rep.* (hen)
 third (Virchow) 9, 403, *rep.* (hen)
 formation and cleavage, monotreme (Hill & Flynn) 69, 150, *P. (disc. only)*
 incubating, exposed to alcohol vapours (Féré) 34, 411, *rep.*
 effect of varnishing shell, 33, 507, *rep.* (hen); 35, 497, *rep.*
 injection of saline, exposure to chloroform, 32, 780-1, *rep.* (fowl)

Subject Index

- Egg(s), (cont.)**
 injections of creatine and xanthocreatine, 33, 507, *rep. (hen)*
 living, of golden hamster (*Cricetus auratus*) (Samuel & Hamilton) 76, 204-8; 76, 229, *P.*
 morphogenetic zones, different vertebrates (de Beer) 72, 176, *P.*
 of osseous fish, protoplasmic movements (Ransom) 1, 237-45
 sectioning, use of agar gel (Samuel) 78, 173-5 (*mammal*)
 segmenting, of monotremes (Hill & Flynn) 66, 132, *P.* (*t.o.*)
 segmentation, 'Lewis Gregory Film', rabbit (Streeter) 63, 166, *P.* (*t.o.*)
 teratogenic results of various experiments, 30, 453-4, *rep.*
 white, dialysis, through gelatinized paper (Schmidt) 10, 640-2, *rep.*
 properties (Heynsius) 10, 642-3, *rep.*
 yolk, composition (Städeler) 2, 180, *rep.*
 double, development, 52, 783-4, *rep.*
 see also Ovum, ova
- Egypt, Studies in the palaeopathology of Egypt** (Ruffer, edited by Moodie) 1921, 56, 160, *rep.*
The ancient races of the Thebaid (Thomson & Randall-Maciver) 1905, 39, 513-14, *rep.*
- Egyptians, ancient, brain, natural preservation** (Elliot Smith) 36, 375-80
 culture (Macdonald) 36, 94, *A.U.A.A.S.*
 thinning of parietal bones (Elliot Smith) 41, 232-3; 41, iv, *P.* (June 1906) (*t.o.*)
 bones, demonstrations (Macalister) 34, xlv, lii, *P.* (*t.o.*)
 dates of epiphyseal fusion, x-rays (Sidhom & Derry) 65, 196-211
 measurements of crania (58) (Smith) 60, 121-30
 modern, pia mater, pigmentation, and brain (Symmers) 40, 25-7
 predynastic tibiae (Derry) 41, 123-30
 prehistoric, femora (Derry) 43, iii, *P.* (July 1907) (*t.o.*)
 of Roman period, hydrocephalus (Derry) 47, 436-58
- Eidolon Helvum** Kerr, (fruit bat), role of muscle satellite cells in muscle regeneration (Allbrook *et al.*) 100, 936, *P.A.S.A.N.Z.*
- El Amrah, skeletons from** (Watson) 36, 421-2, *A.U.A.A.S.*
- Eland, see Oreas canna**
- Elaphurus davidianus** (Père David's deer) foetus, development and radiology (Glenister) 87, 435, *P.*
 placenta (Harrison & Hamilton) 85, 421, *P.*
 (Milne Edwards,) genital organs, placenta, membranes (Harrison & Hamilton) 86, 203-25
- Elastic after-effect, plasticity and fatigue in bone** (Smith & Walmsley) 91, 603-4, *P.*
- Elastogenesis, in embryonic mouse aorta, electron microscopy** (Fyfe & Gillman) 98, 682, *P.*
- Electra clancula** (Hector) 7, 335, *rep.*
- Electrical charges, see Charges, electrical**
- Electrical current, see Current, electrical**
- Electrical stimulation, see Stimulation**
- Electricity, action on corpuscles in frog** (Neumann) 2, 193, *rep.*
 animal, effect of induced current upon (Richardson) 4, 331, *rep.*
 contributions (Runge) 9, 218, *rep.*
 effects on development (Windle) 29, 346-51 (*expts. hens' eggs, trout & silkworm ova*)
- Electro-capillary forces, and phenomena of life** (Becquerel) 8, 410, *rep.*
- Electrocardiography, The distribution of the currents of action and of injury displayed by heart muscle and other excitable tissue** (Wilson, Macleod & Barker) 1933, 68, 430, *rep.*
 comparative studies in vertebrates (Davies & Francis) 85, 416, *P.*
- Electrocephalograms** (Beattie & Slome) 72, 626, *P.* (*dem.*)
- Electrocytolysis, partial, isolation of avian erythrocyte involving** (O'Brien) 97, 488, *P.A.S.A.-N.Z.*
- Electrodiagnosis** (Mason) 9, 413, *rep.*
- Electroencephalogram, changes due to arithmetical calculations** (Glass) 99, 943-4, *P.* (*dem.*)
- Electrometer, Lippmann's capillary, a simple form of** (McKendrick) 17, 345-8
- Electromotor appearances, in muscles, causes** (Hermann) 5, 218, *rep.*
- Electromotor phenomena, in skin** (Englemann) 6, 245, *rep. (frog)*
- Electromotor power, of muscles and nerves** (Hermann) 6, 240-1, *rep.*
- Electromyograph, telemetering, for muscles in walking** (Joseph & Battye) 95, 607, *P.*
- Electromyography, interpretation of records** (Joseph) 89, 559-60, *P.*
 muscles, post-vertebral (Joseph & McColl) 94, 285, *P.*
 leg (Joseph & Nightingale) 86, 484, *P.*
 see also individual muscles
- Electron microscopy, see Microscopy, electron, and individual headings**
- Electro-physiology, two disputed points** (Grunhagen) 8, 423, *rep.*
- Electrotherapy** (Poore) 9, 218, *rep.*
- Electrotonus, (Bernstein) 2, 190, rep.; 8, 213, rep.; (Fick) 4, 324, rep.; (Goldzieher) 5, 211, rep.; (Hermann) 8, 213, rep.; 8, 400, rep.; 9, 218, rep.**
 in human nerves (Erb) 3, 213, *rep.*
 a physiological demonstration (Rutherford) 2, 87-103
 researches into, and the negative variation of nerve current (Bernstein) 2, 190, *rep.*
 and transmission in nerves (Bernstein) 9, 218, *rep.*
- Elephant, African, cardio-vascular system, foetal** (Amoroso, Franklin & Prichard) 76, 100-11
 structure of kidney in (Donitz) 7, 171, *rep.*
 Asiatic, arteries, coronary (Cave) 71, 124-7, *anat. not.*
 cardiac anatomy, I. coronary blood vessels (Osman Hill) 70, 386-98
 ganglion cells in retina of (Thun) 14, 287
 histology of skin (Smith) 24, 493-503
- Indian (Elephas indicus), anatomy part I, muscles of the extremities** (Miall & Greenwood) 12, 261-87
 part II, muscles of the head and trunk (Miall & Greenwood) 12, 384-400
 part III, (Miall & Greenwood) 13, 17-50 (*alimentary canal, uro-genital system, central vascular system, eye, ear, nose*)
 part I, thoracic viscera (Watson) 6, 82-49
 part II, urogenital organs of male, (Watson) 7, 60-74
 part III, the head (Watson) 8, 85-94
 part IV, muscles and blood-vessels of face and head (Watson) 9, 118-33
 foetal, form and proportions of (Turner) 15, 519-22
 female, genito-urinary organs (Paterson & Dun) 32, 582-604; 32, xl, *P.* (*t.o.*)
 notes on striped muscles and viscera (Anderson) 17, 491-4
 notes on sterno-humeral and superficial cervical muscles of (Young) 14, 289-91
 placenta and genital organs of (Chapman) 15, 300, *abs.*
 pyramidal tracts of cord (Verhaart) 97, 152, *P.*

Subject Index

- Elephantiasis**, congenital, 1 case (Mainzer) 34, 412-13, *rep.*
 2 acardiac foetuses 38, 362, *rep.*
lymphangiectasic, with rickets, foetal (Caruso) 34, 412, *rep.*
Elephantulus, brain (Le Gros Clark) 62, 245-75
Eleutherodactylus martinicensis, embryo, innervation of zenografted limb (Hughes) 98, 385-96
Elk, *see* *Cervus alces*.
Ellipsoglossa, larval hyobranchial skeleton and muscles (Edgeworth) 57, 97-105
Embalming, technique for joint movement study (Ottaway) 80, 207-8 (*dog*)
 in the tropics (Harrower) 58, 142-4
Embedding, celloidin (Barrett) 19, 94-6
 and paraffin new technique in histology (Hunter) 20, 307-16
 grape-sugar method of for fresh and fixed tissues (Robertson) 24, 230-5
Embiotica, anal fin appendages of (Blake) 3, 30-2
see also Teleostei
Embolism, fat (Saundby & Barling) 16, 515-25
Embryo, **amphibian**, (*Amblystoma mexicanum*)
 experimental production of supernumerary humerus (Brandt) 80, 226-7, *P.*
 shoulder shape in (Brandt) 80, 235-6, *P.*
 limb, supernumerary, experimental production (Brandt) 81, 373-4, *P.*
 cat, development up to 14 days (Amoroso, Jackson & Griffiths) 80, 216, *P.*
 cells, dividing of *Lepidosiren* (Bryce) 37, lxx, *P.*
 contacts and attachments to endometrium, *in vivo*, *in vitro* (Glenister) 98, 470, *P.* (*rabbit*)
 development, *in vitro*, rabbit (Waddington & Waterman) 67, 355-70
 double, *Salmonidae* 36, 301, *rep.*
 implantation in uterus, and its nutrition (Emrys-Roberts) 44, 192-203 (*guinea-pig*)
 vertebrates, multiplication of organs in (Klaussner) 27, 415-16, *rep.*
Embryo(s) chick—
 abnormal (Kaestner) 31, xxxiv, *P.* (*t.o.*)
 anophthalmia and the optic system in (Collister) 91, 568, *P.*
 area vasculosa, I. vitelline artery (Hughes) 70, 76-122; 70, 193, *P.* (*t.o.*); II. influence of circulation on diameter of vessels (Hughes) 72, 1-17; 72, 150, *P.*
 arteries, histogenesis (Hughes) 77, 266-87
 cells, from organ rudiments dissociation and aggregation, *in vitro*, (Moscona & Moscona) 86, 287-301
 α -cells of pancreas of, ontogeny of function (Grillo) 95, 284, *P.*
 developing, early, distribution of vitamin C (Barnett & Bourne) 75, 251-64
 action of x-rays (Colwell, Gladstone, & Wakeley) 60, 207-28
 development, of blood vessels and blood corpuscles (Klein) 6, 438, *rep.*
 in double-yolked egg (Féré) 34, 413, *rep.* (*hen egg*); (Immerman) 34, 413-14, *rep.* (*hen egg*)
 effects of caffeine, 35, 497, *rep.*
 effects of X-rays (Gladstone & Colwell) 68, 85-95
 early (Jacobson) 70, 193, *P.* (*t.o.*)
 double, (Mitchell) 25, 316-24; (Duncan) 36, 421, A.U.A.A.S.; 33, 516, *rep.*
 anadidymus (Hoffmann) 28, 372-3, *rep.*
 early, insulin and (Barron) 95, 605, *P.*
 early, technique, *in ovo* (Silver) 91, 605-6, *P.*
 effects of cantharidin 35, 497, *rep.*
 effect of radiation upon (Colwell, Gladstone & Wakeley) 57, 1-11
 effect of high temperature shock on early (Deuchar) 86, 443-58
 effect on, of varnishing egg-shell, 35, 497, *rep.*
 erythrocytes, differentiation and growth (O'Connor) 86, 320-5
 explanted, and aminopterin (O'Dell & McKenzie) 95, 452, *P.*
 effect of homogenized tissue (McKenzie & Donald) 97, 307, *P.*
 action of hydrocortisone on (Mackie & McKenzie) 97, 150, *P.*; 97, 622, *P.*
 rumplessness, insulin-induced (Barron) 97, 479, *P.*
 gastrulation, trout, 37, 304, *rep.*
 gland, parathyroid, functional activity (McFarlane) 99, 922, *P.*
 grafts, 36, 296, *rep.*
 chorio-allantoic, of single somites and of unsegmented paraxial region (Murray & Selby) 67, 563-72
 haemoglobin formation (O'Connor) 85, 422, *P.*
 hypophysis cerebri anterior lobe, development, *in vitro* (Moscona & Moscona) 86, 278-86
 malformations, experimental production (Kaestner) 32, iii, *P.*
 orientation, irregularity, 35, 497, *rep.*
 oxygen consumption, regional differences (O'Connor) 84, 401, *P.*
 septum, interorbital, development (Bellairs) 91, 568, *P.*
 temperature gradients, effect on development (Huxley & Tazelaar) 61, 517, *P.* (*dem.*)
 vitamin C distribution (Bourne & Barnett) 74, 554-5, *P.*
Embryo(s), human—
Antibodies and embryos (Brambell, Hemmings & Henderson) 1951, 86, 470-1, *rev.*
 anatomical study, (Wilson) part I, 48, 315-51
 age, estimation by morphological criteria (Brandt) 81, 399-400, *P.*
 atrophied, (Giacomini) 27, 415, *rep.*
 blood vessels, congenital absence, (Nicholson) 72, 148, *P.* (*disc. only*)
 Bryce Collection (Bryce) 74, 143, *P.* (*dem.*)
 degeneration, hydatiform, early (Hamilton) 80, 244, *P.*
 early, (Patten) 44, iii, *P.* (*dem.*); (West & Dible) 74, 139-40, *P.* (*disc. only*); (Bryce & Teacher) 61, 514, *P.* (*dem. only*)
 2.5 mm. length, (Thompson) 41, vii, *P.* (November 1906)
 8.5 mm. morphology and histology (Barnville) 49, 1-71
 30-mm. head end (Dickie) 48, 445-60
 30 mm. long, measurements (Blaisdell) 48, 182-209
 30 mm., reconstruction of head, description (Fawcett) 44, 303-11
 10-day and 13½-day (Morton) 83, 308-14
 triploid (Rashad & Kerr) 100, 928, *P.*
 (25 days) sections, serial (Buxton) 33, 381-5
 human, with capsular attachment of the connecting stalk, (No. 1285, Manchester collection) (Florian & Hill) 69, 399-411
 (H.R.I.) with 0.55 mm. long embryonic shield (Johnston) 75, 1-49
 chorion and endometrium of (Johnston) 75, 153-63
 malformation, (Windle) 27, 436-53 (*man, and expts with hen eggs*); 50 specimens 35, 498, *rep.*

Embryo(s), human (*cont.*)

- presomite, (Lewis & Harrison) 99, 424, *P. (dem.)*
 with early stage of primitive streak, human
 (Harrison & Jeffcoate) 87, 124-9
 models (Shaw & Gladstone) 69, 152, *P. (dem.)*
 with neurenteric canal (embryo R.S.) (Odgers)
 75, 381-8
 (Shaw), with primitive streak and chorda
 with special reference to the development
 of the vascular system (Gladstone & Hamilton)
 76, 9-44; 76, 228, *P. (disc. only)*; demonstration,
 76, 229, *P.*
 implantation (Hamilton & Gladstone) 76,
 187-203; 76, 228, *P. (disc. only)*; demonstration,
 76, 229, *P.*
 demonstration (Odgers) 76, 229, *P.*
 showing yolk-sac duct (Lewis & Harrison) 100,
 389-96
 previllous stage, (Hamilton) 80, 215, *P.*
 one somite, with neurenteric canal (Ludwig) 61,
 514, *P. (dem. only)*
 ten-somite, crest, neural (Baxter & Boyd) 73,
 318-26; 72, 176, *P. (dem.)*
 twelve somites, anterior and posterior end (Wood
 Jones) 43, v, *P. (November 1907) (dem.)*
 somites 13-14, (Low) 42, 237-51
 22-somite, wax model (Girgis) 60, 472, *P.*
 23 somites, septum transversum and liver (Thomp-
 son) 42, 170-5
 25 somite (West) 71, 169-200; 70, 199, *P. (t.o.)*
 somites, 27 pairs, embedded in decidua, (Water-
 ston) 49, 90-118
 reconstructions (Wood Jones) 37, lxxviii-lxx, *P.*
 with notes on the decidua (Reichert) 8, 167-8, *rep.*
 sections, demonstration (Florian) 65, 175, *P.*
 germinal period, pathology, 35, 499, *rep.*
 half, and anencephaly, 37, 300, *rep.*
 with head process and commencing archenteric
 canal (Brash) 59, 65, *S.P. (t.o.)*
 nodular, 32, 782, *rep.*
 ossification (Harris) 59, 93-5, *S.P.*
 pathology, 33, 509-10, *rep.*
 primitive cell-layers of (Lankester) 8, 170, *rep.*
 radiographic studies, specimens and models illustrat-
 ing vertebral growth, demonstration, (Harris)
 76, 229, *P.*
 sections (Bryce & McLaren) 59, 64-5, *S.P.*
 injected and cleared by special method, (Reagan)
 74, 143, *P. (dem.)*
 stereoscopic views of same embryos (Reagan)
 74, 143, *P. (dem.)*
 thick serial, for demonstration (Wilson) 67,
 208, *P. (t.o.)*
 and uterus (Reichert) 9, 207, *rep.*
see also Conceptus, Eggs
- Embryology, An introduction to embryology** (Balinsky)
 1960. 95, 147, *rev.*
Laboratory atlas of the 13 mm. pig embryo (Boyden)
 1933. 68, 288, *rev.*
Traité d'embryologie des vertébrés (Brachet, ed. by
 Dalcq & Gérard) nouvelle ed. 1935. 71, 420, *rev.*
Lehrbuch der Embryologie (Brandt) 1949. 83, 387, *rev.*
Die Entwicklung des Menschen vor der Geburt (Broman)
 1927. 62, 244, *rev.*
Grundriss der pathologischen Embryologie des Menschen
 (Dyban) 1962. 97, 294, *rev.*
Vertebrate embryology. A laboratory manual (Eakin)
 1965. 100, 212, *rev.*
*A manual of embryology. The development of the
 human body* (Frazer) 1931. 66, 275-6, *rev.*;
 2nd ed. 1940. 75, 144, *rev.*; 3rd ed. (edited by
 Baxter) 1953. 88, 110-11, *rev.*

- The elements of embryology* (Foster & Balfour) part I,
 1874. 9, 186-9, *rev.*
Entwicklungsgeschichte des Menschen. Ein Grundriss,
 (Goerttler) 1950. 85, 298, *rev.*
*Human embryology (prenatal development of form and
 function* (Hamilton, Boyd & Mossman) 3rd ed.
 1962. 97, 295-6, *rev.*
A textbook of human embryology (Harrison) 1959. 94,
 569-70, *rev.*; 2nd ed. 1963. 99, 183, *rev.*
*Untersuchungen über die erste Anlage des Wirbelthier-
 leibes; die erste Entwicklung des Hühnchens im
 Ei* (His) 1868. 3, 183-6, *rev.*
The elements of experimental embryology (Huxley &
 De Beer) 1934. 69, 127, *rev.*
Human embryology and morphology (Keith), 1933. 68,
 573, *rev.*; 6th ed. 1948. 83, 176, *rev.*
*Entwicklungsgeschichte des Menschen und der höheren
 Thiere* (Kölliker) 3rd ed., 1st part, 1876. 10,
 788-94, *rev.*; 3rd ed. complete, 1879. 13,
 580-2, *rev.*
Lillie's Development of the chick (revised by Hamilton)
 3rd ed., 1952. 87, 216, *rev.*
Human embryology (Minot) 1892. 27, 429, *rev.*
Human embryology for medical students (Nair) 1950.
 85, 300, *rev.*
Outline of comparative embryology (Richards) 1931.
 66, 673, *rev.*
*Lehrbuch der vergleichenden Embryologie der Wirbel-
 thiere* (Schenk) 1874. 9, 386, *rev.*
Ein Lehrbuch auf allgemein biologischer Grundlage
 (Starck) 1955. 90, 559, *rev.*
Embryologischer Atlas für Studenten (Voss) 2nd ed.
 1962. 97, 137, *rev.*
The borderland of embryology and pathology (Willis) 97,
 295, *rev.*
Researches in Holland: experimental embryology
 (Woerdeman & Raven) 1946. 81, 334, *rev.*
Institut International d'Embryologie, 6th meeting, 71,
 422
- Embryology of Araneina** (Balbiani) 8, 170, *rep.*
 circulation in embryos of warm-blooded animals
 (Macdonald) 8, 388, *rep.*
 early, rabbit (Waddington & Waterman) 67, 208, *P.*
 (*disc. only*)
 Emperor Penguins, early (Glenister) 87, 458, *P.*
 experimental, techniques (O'Connor) 73, 673, *P.*
 (*dem.*)
 ferret (Yeates) 45, 319-35
 head-end, (Radford) 45, 336-46
 foetal abnormalities, (Féré, Morgan) 30, 453-6, *rep.*
 human embryo at stage of head process and com-
 mencing archenteric canal (Thompson &
 Brash) 57, 1-20
 pathological, problems (His) 26, 430-1, *rep.*
 principles, origin of vertebrates from study of Ammo-
 coetes (Gaskell) 39, 371-401
 sections taken by microphotography (Waterston) 59,
 41, *S.P. (t.o.)*
see also Pre-natal life
- Emetia**, actions, and ipecacuanha, experiments (Duck-
 worth) 6, 499, *rep.*
see also Emetine
- Emetics**, action (Chouppé) 10, 655-6, *rep.*
 on striped muscle (Harnack) 10, 652-3, *rep. (dog,
 frog, rabbit)*
 and physiology of vomiting (D'Ornellas) 8, 230-1,
rep.
- Emetine**, action (Duckworth) 4, 168-9, *rep. (animal)*
Eminence, collateral, and hippocampus, variations in
 (Howden) 22, 283-8 discussion, 22, viii, *P.*
 median, primary portal plexus, development, rabbit
 (Campbell) 100, 381-7

Subject Index

- Emotion**, action of *M. mentalis* (Lightoller) 62, 319-32
- Emu**, tracheal pouch of (Coughtrey) 8, 177, *rep.*
see also *Dromiceius*
- Emulsions**, value in absorption of neutral fats in small intestines, (Steiner) 11, 559, *rep.*
- Enaliosaurians**, skeleton of the limbs (Gegenbaur) 4, 308-9, *rep.*
- Enamel**, argon ion beam etching, and of dentine (Boyde & Stewart) 96, 414, *P. (men and macropus)*
The pattern of progressive mineralisation in human dental enamel (Crabb & Darling) 1962. 96, 541, *rev.*
Tooth enamel: its composition, properties and fundamental structure (ed. by Stack & Fearnhead) 1965. 100, 416, *rev.*
- bands**, Hunter-Schreger (Lester) 97, 491-2, *P.A.S.A. N.Z.*
- blood supply**, of rodent incisor (Adams) 95, 454, *P.*
completion, structures associated with (Symons) 88, 563-4, *P. (rat)*
developing, components, submicroscopic, rat (Fearnhead) 93, 568, *P.*
matrix, electron microscopy, rat (Fearnhead) 91, 610, *P.*
development (Rolleston) 6, 443, *rep. (elephant calf)*
in fishes, photo-micrographs (Carter) 61, 515, *P. (dem. only)*
hereditary defects 43, 119, *rep.*
- infra-red spectroscopy**, mammals (Elliott) 95, 454, *P.*
prisms, decussation, light optical effect associated with (Lester) 100, 925, *P. (dog)*
- organ**, ameloblast layer, effect of fixation, rat (Symons) 91, 527-32
blood supply of rodent incisor (Adams) 95, 454, *P.*
development, early (Scott) 80, 225, *P.*
incisor, blood vessels to, observations, using tritiated thymidine (Adams & Main) 97, 148, *P. (rat)*
structure, microscopic (King) 73, 424-31 (*rat, dog*)
microscopical, of two sparassodonts, cladocistis and pharsophorus, as evidence of their marsupial character, and value of pattern of enamel as test of affinity (Carter) 54, 189-95
- Encephalocele** (Burci) 26, 433, *rep.*; 40, 295, *rep.*
congenital (Guilbert) 29, 469, *rep.*
and foetal skull (Duckworth) 47, 343-9
frontal, with multiple abnormalities of the face (Bouchacourt) 34, 416, *rep.*
fronto-nasal, 1 case 42, 136, *rep.*
nasal region (Adb-el-Malek) 66, 264-7
occipital, 44, 100, *rep.*
spina bifida and anencephaly (Cleland) 17, 257-92
- Encephalon bifidum**, 1 bovine and 3 human embryos (Morton) 85, 431-2, *P.*
- Endarteritis obliterans**, and inflammatory changes in coats of small vessels, (Saundby) 17, 180-7
- Endarteritis proliferans** (Hollis) 153-63
- Endings**, sensory, see Nerve endings
- Endocarditis**, blood supply of heart valves in relation to (Harper) 73, 94-111 (4 case reports and rabbit study)
- Endocardium**, see Heart, endothelium
- Endocrines in development** (edited by Watterson) 1959. 94, 279, *rev.*
- Endocrinology**, The chemical and physiological properties of the internal secretions (Dodds and Dickens) 1925. 62, 517, *rev.*
- Endoderm**, 'mesenchymatous', *Galago senegalensis* (Butler) 94, 578, *P.*
- Endometrium**, alkaline phosphatase, rat (Pritchard) 83, 10-24; 83, 71-2, *P.*
and chorion of embryo H.R. 1 (Johnston) 75, 153-63
contacts and attachments of early embryo 10, *in vitro*, in vivo (Glenister) 98, 470, *P. (rabbit)*
uterus, foetal, mitotic activity in organ culture (Everett) 97, 637, *P. (guinea-pig)*
influence of oestrogens and progesterone in organ culture (Everett) 97, 149-50, *P. (guinea-pig)*
non-pregnant, in kangaroo, *Macropus giganteus* (Turner) 10, 513-15
regeneration at placental site (Warbrick) 88, 573, *P. (rat)*
post-partum, human (Sharman) 87, 1-10
spiral elastic arteries (Butler) 99, 201, *P. (Galago)*
structure (Williams) 9, 398, *rep.*; 10, 456, *rep. (human, roe-deer)*
transformation of columnar to squamous, in cervix uteri (Reid) 97, 485-6, *P.A.S.A.N.Z.*
and trophoblast, interaction, at implantation, sheep (Amoroso) 85, 428-9, *P.*
and vagina, changes, cyclical, in goat (Hamilton & Harrison) 85, 316-24; 85, 433-4, *P.*
- Endophlebitis** (Meigs) 34, 458-64
- Endoskeleton**, vertebrate, evolution, significance and meaning of segmentation in coelomate animals (Primrose) 55, 119-37
Visceral, of *Cephalaspis* (Allis) 65, 509-27
- Endosteum**, osteogenic capacity, *in vitro*, young chicks and embryos (Fell) 66, 154-80
- Endothelium**, (Legros) 3, 200, *rep.*
of small cerebral arteries (Jones) 21, 672-3
and epithelium (Cavafy) 9, 197-8, *rep.*; (Foster) 9, 197, *rep.*
development and proliferation of (Zielonko) 9, 198, *rep.*
- Endplates**, motor, new, formation in skeletal muscle, rat (Gwyn & Aitken) 100, 111-26
- Energy**, source of muscular power (Flint) 12, 91-141 (errata note, page 368)
- Enterectomy**, effect on blood lymphocytes (Yoffley) 76, 214-19; 72, 155-6, *P. (dog)*
- Entoderm**, pharyngeal, potency (Woollard) 66, 242-60
- Environment**, *Environmental influences in prenatal development* (edited by Mintz) 1958. 94, 279, *rev.*
and the haemoglobin nitrite sensitivity reaction (Metcalf) 98, 687, *P.*
- Enzyme(s)**, amylolytic, in pig's stomach (Southall & Haycraft) 23, 452-4
bacterial, nature and action of (Macfadyen) 26, 409-29
digestive, in foetal calves (Moriggia) 9, 235-6, *rep.*
in fishes (Stirling) 18, 426-35 (*cod, herring, haddock, skate*)
gustatory, and appreciation of taste (Baradi & Bourne) 85, 415-16, *P. (rabbit)*
hydrolytic, in nerve cells of lumbar spinal cord after section of sciatic nerve, distribution, rat (Gould & Holt) 97, 476, *P.*
in ovary, histochemistry (Bulmer) 97, 305, *P. (rat, rabbit, guinea-pig, monkey)*
ovarian, histochemical distribution (Bulmer) 98, 27-36 (*rat*)
oxidative, in conduction system of the heart, histochemical detection and localization (Schiebler) 95, 611, *P. (calf, pig, sheep)*
localization in neurones of spinal cord, histochemistry, rat (Nandy & Bourne) 98, 647-53
pancreatic, action of heat on (Salkowski) 13, 244-5, *abs.*
phosphatases, non-specific, foetal metanephros (Ivemark) 92, 98-109
placental, histochemical and quantitative study, rat (Padykula) 92, 118-29

Subject Index

- Eosin**, as histological stain (Dreschfeld) 11, 181-2
Eosinophils, bone-marrow, ultrastructure of specific granules (Hudson) 99, 928-9, P.
Ependyma, choke in neurogenesis (Smart) 99, 941-3, P. (dem.)
 nerve endings in (Brown) 69, 137, P. (t.o.)
Epidermis, cells, intermediate between melanocytes and Langerhans cells, possible occurrence in, stimulated by Thorium X (Breathnach, et al.) 96, 419, P.
 replacement, and of sebaceous glands, mouse (Bullough & Ebling) 86, 29-34
 dendritic and Langerhans cells osmium-iodide stained technique, electron microscopy (Breathnach & Goodwin) 100, 159-72 (guinea-pig) development (Thomson) 27, xvii-iii, P.
 postnatal, rabbit (Glover & Gaddum) 99, 417-18, P.
 foetal, surface layer ('periderm') electron microscopy (Hoyes) 100, 448, P. (dem.)
 formation (Schulze) 4, 160, rep.
 freckled, see Freckles
 growing, innervation (Fitzgerald) 95, 282, P.
 hairless palmar and digital, origin and development (Cauna) 85, 423, P.
 histogenesis, rat and mouse (Hanson) 81, 174-97
 innervation, developmental changes (Fitzgerald) 95, 495-514 (pig's snout)
 mammalian, in tissue culture (Hanson) 84, 30-1
 nerve endings (Woollard) 71, 54-60; 71, 149, P.
 normal and vitiliginous, Langerhans cells in, electron microscopy (Birbeck, et al.) 94, 572, P.
 regenerated, melanocyte pattern (Breathnach) 94, 581, P.
 structure, normal, and distribution of melanocytes (Szabó) 89, 575-6, P.
 vitiliginous and normal, Langerhans cell in, electron microscopy (Birbeck, Breathnach & Everall) 94, 572, P.
 white, non-keratinocytes in basal layer, recessively spotted guinea-pig, electron microscopy (Breathnach & Goodwin) 99, 377-87
 see also Dermis, Skin
Epididymis, appendages (Murnaghan) 99, 956, P.A.S.A.N.Z.
 blood supply, rat (Macmillan) 86, 479, P.
 caput, trypan blue and (Macmillan) 91, 616, P. (rat)
 cysts (Griffiths) 28, 107-24
 duct nuclei, DNA content and volume, bandicoot (*Perameles nasuta Geoffroi*) (Cleland & Rae) 97, 492-3, P.A.S.A.N.Z.
 fate of paramesonephric duct in (Watson) 36, 147-61; 36, xxvi, P.
 histochemistry, regional difference, rat (Maneely) 88, 578, P.
 innervation, and of kidney, ureter, (Mitchell) 70, 10-32
 and of testis uterine tube and ovary (Mitchell) 72, 508-17
 obstruction, effects on Leydig cells of rat testis (Macmillan) 87, 454, P.
 at various levels, comparison ischaemia, mouse testis (Baillie) 96, 335-54
 uptake of ³⁵S-DL-methionine, autoradiographs, mouse (Glucksmann, et al.) 89, 13-18
 and vas deferens, mammalian (Myers-Ward) 32, 135-40 (cat, dog, guinea-pig, rabbit, rat, mouse, man)
Epigastrius parasiticus, 1 case, 42, 134, rep.
Epiglottis, Die Epiglottis—vergleichend anatomische studie (Gegenbaur) 1892, 27, 564-5, rev.
 function (Negus) 62, 1-8; 61, 504, P.
 innervation, pattern (Feindel) 84, 64, P.
 intra-narial (rabbit) (Howes) 23, 263-72; 23, viii-ix, P.; 23, 587-97; 23, xix, P.
 and nares (Symington) 23, xxii, P. (human foetus)
 nerves, a method of demonstrating (Stirling) 17, 203
 and palate, development in animals (Bowles) 23, xix-xx, P.
 and pharynx, in mammals (Bowles) 23, 606-15
 position in swallowing (Stuart & M'Cormick) 26, 231-8 (1 case)
 taste-buds on (Schofield) 10, 475-7 (cat, dog)
 distribution, (Romanes) 87, 464, P.
Epignathus (Windle) 33, 277-91; 33, vi, P. (t.o.); 34, 416, rep.; 43, 117, rep.
 1 case, 30, 457, rep.
 2 cases, 1 anencephalic (Schwalbe) 39, 500, rep.
 dissection (Hill) 19, 190-7
Epignathus amorphus, two cases, 44, 100, rep.
Epiphyal bone, separate and hyoid (Turner) 36, 162-3
Epilepsy, experimental production (Brown-Séquard) 5, 209, rep. (guinea-pig)
 see also Convulsions
Epionod chathamensis (Hector) 7, 335, rep.
Epionod heraultii (Gray) 7, 336, rep.
Epipharynx, nomen novum (Cave) 95, 281-2, P.
Epiphysis, epiphyses, Traumatic separation of the epiphyses (Poland) 1898, 33, 500, rev.; 33, 686, rev.
 abnormal, of metatarsals and first metacarpals (Colwell) 62, 183
 appearance and fusion, radiography (Flecker) 67, 118-64
 circulation patterns (Crock) 99, 945, P.A.S.A.N.Z.
 cone-shaped, of proximal phalanges of toes (Venning) 89, 578, P.
 double, in metacarpals and metatarsals (Weddell) 73, 360, P.
 evolution (Wheeler Haines) 72, 148, P. (t.o.)
 femoral, head (Walmsley) 49, 434-40
 fusion, dates x-rays, Egyptians (Sidhom & Derry) 65, 196-211
 with diaphyses, radiography (Flecker) 67, 118-64
 growth, in madder-fed pig (Payton) 68, 133, P. (disc. only)
 bone, arrested by damage to (Bidder) 8, 425, rep. (rabbit)
 relation to (Harris) 66, 142, P.
 of long bones (Sutton) 17, 479-83
 articular, (Parsons) 39, vi, P.
 development, madder-fed pig (Payton) 67, 371-81
 primitive form in tetrapods (Haines) 72, 323-43
 radiological investigation (Paterson) 64, 28-46
 neuro-central (Cave) 69, 131, P.
 normal, age order, appearance and union (Davies & Parsons) 62, 57-71
 ossification, see Ossification and Centres of ossification of pelvis (Parsons) 37, 315-23; 37, xli, P. (comparative study)
 preparations (Hunter) 59, 89, S.P. (dem.)
 pressure (Parsons) 39, 402-12
 radial and ulnar, capillary conducting channels, rabbit (Spira et al.) 97, 255-8
 radiographic study (Parsons & Davies) 61, 484-5, P.
 structure in *Echidna* (Haines) 72, 321, P.
 and primitive form of secondary centre in *Sphenodon* (Haines) 74, 80-90; 73, 362, P.
 in lizards and marsupials (Haines) 75, 282-94
 'slipped' and femur, interlocking pattern at the upper epiphysal surface of (Fyfe) 83, 85-6, P.
 thumb, fusion, and sesamoid bones of the hand (Joseph) 85, 230-41
 tibial, upper, pattern of cartilage canals (Levene) 88, 561, P.

Subject Index

- Epiphysis, (cont.)**
traction (Parsons) 38, 248-58 (*comparative*); 38, ii, P. (*t.o.*)
further remarks (Parsons) 42, 388-96; 43, v, P. (November 1907) (*t.o.*)
evolution, birds and mammals (Barnett & Lewis) 92, 593-601
sesamoid bones, evolution from, birds, mammals (Barnett & Lewis) 92, 673, P.
ulna, distal, ossification and growth, rabbit (Ring) 89, 457-63
and radial, capillary conducting channels, rabbit (Spira *et al.*) 97, 255-8
union, mixed females, Rangoon (Barrett) 70, 432-4
ununioned, specimens (Windle) 24, viii, P.
- Epiphysis cerebri, see** Body, pineal
- Epispadias, 1 case** (Thompson) 59, 33-4, S.P.; 35, 504, *rep.*; cases (Cleland) 5, 321-3; cases (Eastlake *et al.*) 2, 401, *rep.*
dissection of 1 case (Anderson) 15, 378-81
in female, 31, 461, *rep.*
and hypospadias (Bryant) 3, 203, *rep.*
muscles of perineum and (Thompson) 65, 161-2, P.
- Epistaxis, traumatic, anatomy, surgical** (Weddell) 80, 237, P.
- Epistropheus, see** Axis
- Epithelioma, branchial, 1 case, 42, 137, rep.**
primary of lung, with metastases to kidney, vertebrae and ribs (Hoyle) 17, 509-16
- Epithelium, of anal canal, adult** (Walls & Gould) 90, 561, P.
of bronchioles, finer, supravital silver staining (Macklin) 83, 83-4, P.
cell nests of, *see* Epithelium, pearls
cement substance of (Thoma) 9, 450, *rep.*; 10, 449, *rep.*
physiological properties (Thoma) 10, 449, *rep.*
of choroid plexus, structure (Rogers & Millen) 90, 589, P. (*rabbit*)
covering umbilical cord (Bacsich) 91, 611, P.
of cornea, repair (Heiberg) 6, 247, *rep.* (*frog, fowl, rat*)
ciliated (Eberth), 1, 148, *rep.*
movement, oxygen consumption, (Kühne) 1, 360-1, *rep.*
enamel, histochemistry (Ten Cate) 97, 304, P.
and endothelium (Foster) 9, 197, *rep.*; (Cavafy) 9, 197-8, *rep.*
development and proliferation (Zielonko) 9, 198, *rep.*
gall bladder, fine structure (Hayward) 95, 609, P.
intestinal, large, fat in, cat (Martin) 88, 580-1, P.
small, renewal, rate, cat (McMinn) 88, 527-32; 88, 556, P.
migratory, contribution to healing of wounds, (Joseph & Townsend) 95, 403-10 (*rabbit*); 95, 283, P.
movements in tissue cultures and stereotropism (Craciun) 61, 492, P.
neuro-, in developing labyrinth (Shute) 86, 246-58; 85, 425-6, P.
of oesophagus, structure and regeneration, cat (McMinn & Johnson) 91, 586, P.
oral, odontogenic and adjacent, in relation to tumours of jaw (Tonge) 90, 584, P.
pearls, in foetuses and infants (Kanthak) 26, 501-8
perineural of fasciculi of peripheral nerves (Shantaveerappa & Bourne) 96, 527-37
secreting, tubules in (Williamson & Pearse) 57, 193-8
seminiferous, effects of androgens, on immature monkeys (Krohn & Zuckerman) 83, 63, P.
of serous membranes (Tourneux) 8, 390, *rep.*
- space, intercellular, 200 A, conditions (Smart) 97, 302-3, P.
striatified, with special reference to dendritic cells (Langerhans) 8, 162, *rep.*
transitional, localisation of alkaline phosphatase in, and its relation to fatty material (Martin) 90, 557-8 P. (*rabbit, guinea-pig, rat, mouse*)
regeneration (McMinn & Johnson) 89, 570, P. (*cat*)
and osteogenesis (Johnson & McMinn) 90, 106-16 (*cat*)
urogenital, cell, dendritic argentaffin in (Boyd) 83, 83, P.
uterine, *see* Endometrium
vaginal, cornification (Asscher, Turner & de Boer) 90, 547-52
mitosis, following local oestrogenic stimulation (Biggers & Claringbold) 89, 124-31 (*mouse*)
sulphydryl and disulphide groups in (Asscher, Turner & de Boer) 90, 577, P.
vesical, physiology (Cazancu & Livom) 13, 256-7, *abs.* (*dog*)
see also under individual organs
- Eponyms, Anatomical eponyms** (Dobson) 1946. 81, 121, *rev.*
- Epoophoron, histological structure** (Duthie) 67, 410-31
- Equilibrium, experiments in** (Mach) 9, 220, *rep.*; 10, 634-5, *rep.*
- Equino-varus, congenital, pathogeny, 43, 123, rep.**
- Erectile tissue, see** Tissues, erectile
- Erection, in birds** (Eckhard) 8, 421, *rep.*
cells of origin, nerves controlling (Goltz) 8, 186, *rep.* (*dogs*)
- Erethizon epixanthus** (porcupine) myology (Windle) 22, 126-32
- Ergot, action of preparation on heart, 9, 221, rep.**
effect on arteries and blood-pressure (Holmes) 5, 206-7 (*frog, dog*)
effect of secretion (Wernich) 8, 229, *rep.*
- Ergotin** (Bonjean and Wigger) physiological action (Köhler) 9, 222, *rep.*
- Ergotinine, action** (Wernich) 8, 228-9, *rep.* (*cat, dog*)
- Eriulus, ('hedgehog' tenrec) dentition, skeleton** (appendicular) and skull (Mivart) 2, 121-2
see also Centetes, *Microgale longicauda*
- Erinaceus** (hedgehog) skeleton, appendicular and axial and skull (Mivart) 1, 282-6
- Erinaceus europaeus, cranium, primordial** (Fawcett) 52, 211-50
histology (Carlier) parts I & II, alimentary canal and liver, 27, 85-111; part III, skin, 27, 169-78; part IV, lymphatic glands, 27, 354-60; part V, so-called 'hibernating' gland, 27, 508-18
sinus, carotid complex (Adams) 91, 207-27
specialized conducting tissue in heart (Walls) 77, 294-8
- Erythroblasts, of bone marrow, foetal, (Thomas) 97, 478-9, P.**
- Erythrocebus patas** (Patas monkey) fragilitas ossium (Morton) 92, 662, P.
- Erythrocytes, (Faber) 8, 403, rep.**
action of gases and vapours on (Lanckester) 6, 438, *rep.*
avian, haemoglobin, nuclear (O'Brien) 97, 484-5, P.A.S.A.N.Z.
nuclei, isolation, involving partial electrocytolysis (O'Brien) 97, 488, P.
in bone volume (Brookes) 99, 409-10, P. (*rat*)
changes in sepsis (Hiller) 9, 221, *rep.*
contribution to knowledge (van der Lith) 1, 363, *abs.*
development in chick (Metschinkow) 2, 397-8 *rep.*

Subject Index

Erythrocytes, (cont.)

- difference between juvenile and adult (Metcalf & Keohane) 94, 287, *P.*
- differentiation and growth, chick embryo (O'Connor) 86, 320-5
- distribution in blood stream, (von Lesser) 13, 123-4, *abs*
- distribution with renal cortex (Moffat) 99, 409, *P. (rat)*
- effects of purgatives and inanition on number (Brouardel) 11, 556, *rep.*
- exudation of, and of leucocytes (Stemberg) 3, 248-9, *n (frog, rabbit)*
- fibrin in (Heynsius) 3, 122-6; (Heynsius & von der Horst) 5, 223, *rep. (horse)*
- haemolysis, phase contrast observations, salamander (Trotter) 87, 456-7, *P.*
- influence of hydrocyanic acid upon (Geinitz) 4, 321, *rep.*
- of *Lamna cornubica* (Gulliver) 6, 438, *rep.*
- and leucocytes, film of living (Hancox) 87, 457, *P.*
- in mammals (Gulliver) 5, 198, *rep.*
- measurement, in *Hippopotamus amphibius*, *Otaria jubata* and *Trichemus rosmarus* (Gulliver) 9, 392, *rep.*
- membrane contacts, electron microscopy (Gent et al) 100, 447, *P. (dem)*
- modification of form (Friedreich) 2, 398 *rep.*
- nucleated, in child (Klebs) 2, 168, *rep.*
- in *Cholaepus didactylus* and elephant (Rolleston) 2, 168, *rep.*
- pathology and physiology (Muir) 25, 362-73
- pigment (Bottcher) 2, 168, *rep.*
- of pyrenaeatous and apyrenaeatous vertebrates (Gulliver) 2, 1-7
- researches on carbonic acid content (Schmidt) 3, 229-30, *rep. (animals)*
- sensitivity to nitrites, effects of age, pregnancy and malignant disease (Metcalf) 94, 579, *P.*
- shape of non-nucleated (Myers) 34, 351-8
- shape and size in vertebrates (Gulliver) 10, 205-7, *rep.*
- and membrane permeability (Holland) 98, 487, *P A S A N Z (horse, sheep)*
- structure (Kollmann) 9, 221, *rep.*
- in vertebrates (Bottcher) 1, 357, *rep.*
- oviparous (Savory) 3, 455, *rep.*
- see also Cells, blood, Corpuscles, blood
- Erythropoiesis**, electron microscopy (Muir & Kerr) 91, 602, *P. (rabbit, rat embryo)*
- in marrow (Neumann) 3, 460, *rep. (man, rabbit)*
- Erythrocytum coca**, see *Coca*
- Eschrichtius robustus* (sub-fossil whale) bones (Flower) 7, 173, *rep.*
- Eserine sulphate**, action on ciliary muscle (Reich) 11, 548, *rep.*
- Esterase**, activity, in the inferior vagal (nodose) ganglion of the rat (Fisher) 98, 465, *P.*
- in skin, mammals (Montagna & Formisano) 89, 425-9
- indoxyl, in nervous system of monkey (Fisher & Sutherland) 99, 215-17, *P. (dem)*
- non-specific, see *Enzymes*
- placental, histochemistry, human and guinea-pig (Perrotta & Lewis) 92, 110-17
- activities and acid phosphatase, rat (Bulmer) 99, 513-25; 99, 204-5, *P.*
- simple, distribution in tissues (Malaty & Bourne) 86, 491, *P.*
- Ether**, acetic, compared with sulphuric as anaesthetic (Wood) 5, 202-3, *rep. (animals)*
- actions (Ranké) 2, 184, *rep.*; (Bert) 2, 185, *rep.*

- effect on blood-pressure (Coats, Ramsay & M'Kendrick) 13, 387-96 (*rabbit, dog, man*)
- percolator, for laboratory use (Macphail) 15, 105-9
- Ethidene**, effect on blood-pressure (Coats, Ramsay & M'Kendrick) 13, 387-96 (*rabbit, dog, man*)
- note on (M'Kendrick) 13, 579
- Ethidene dichloride**, and chloroform, relative value as anaesthetics (Newman) 15, 110-17
- Ethnography**, of Aran Islands (Co. Galway) (Haddon & Browne) on *Proc. R. Irish Acad.*, December 12, 1892. 29, 141, 142, *rev.*
- of Irish, (Inishbofin and Inishshark, Co. Galway) (Browne) in *Proc. R. Irish Acad.*, February 27, 1893. 29, 141, 142, *rev.*
- Ethyl formate**, effects of inhalation (Byasson) 7, 193, *rep. (man, animals)*
- Etiolation**, of animals, effect of different coloured lights (Bert) 4, 330-1, *rep.*
- Eubalaena australis* (Hector) 7, 335, *rep.*
- Eucalyptol**, systemic action (Gimbert) 6, 497, *rep. (frog)*
- Eudrilus*, development and structure of ovum (Beddard) 22, 9-14
- Eugenics**, *Heredity and eugenics* (Gates) 1923. 61, 263, *rev.*
- Eumetropias elongatus* (seal) crania (Gray) 9, 405, *rep.*
- Eunectes murinus*, heart (Rau) 59, 60-71
- Eunuch** anatomy, 1 subject (Duckworth) 41, 30-4
- skeletal development (Cave) 72, 318-19, *P.*
- skeleton (Becker) 33, 500 (*ref. only*)
- Sudanese, (Derry) 59, 55, *S.P.*
- Euoctus elegantulus*, see also *Galagidae*
- Euphractus*, brain (Turner) 1, 313-15
- muscles of fore and hind limbs (Galton) 3, 458, *rep.*
- Euphysetes pottsi*, description of small species (Haast) 9, 404, *rep.*
- Eustachian tube**, see *Tube*, pharyngotympanic
- Euzym**, and trypsin (Kuhne) 11, 560-1, *rep.*
- Eventration**, 33, 520, *rep.*; (Bertino) 34, 419, *rep.*
- Evolution**, *The coming of man: was it accident or design?* (Broom) 1933. 68, 287, *rev.*
- Animal species and their evolution* (Cain) 1954. 88, 543, *rev.*
- Early forerunners of man* (Le Gros Clark) 1934. 68, 571-2, *rev.*
- The fossil evidence for human evolution. An introduction to the study of paleoanthropology* (Le Gros Clark) 1955. 90, 307-8, *rev.*
- The foundations of human evolution* (Le Gros Clark) 1959. 95, 141-2, *rev.*
- Man's place among the mammals* (Wood-Jones) 64, 531-4, *rev.*
- Intuitive in evolution* (Kidd) 1920. 56, 55-6, *rev.*
- The morphology and evolution of apes and man* (Sonntag) 1924. 59, 224, *rev.*
- Stammesgeschichte der Säugetiere. Eine Übersicht über Tatsachen und Probleme der Evolution der Säugetiere* (Thenius & Hofer) 1960. 96, 301, *rev.*
- Cytology and evolution* (Willmer) 1960. 95, 143, *rev.*
- and affinity in disease (Clark) 21, 239-63
- human, and headform (Abbie) 81, 233-58
- limbs (Cauna) 97, 23-34 (*human & comparative*)
- of membrane, tympanic, and cavity, tympanic, mammalian (Shute) 90, 261-81; 90, 572, *P.*
- parallel of muscle attachments (Dobson) 19, 16-23 (*marsupials & mammals*)
- segments, body, posterior, modification in primates, including man (Keith) 37, 18-40 (*amphibians, birds, mammals*)
- teeth, mammals (Tims) 37, 131-49
- theory of, in Germany, 7, 358, *rep.*

Subject Index

Evolution, theory of (*cont.*)

general observations on the placenta with special reference to the (Turner) 11, 33-53 (*comparative*)

vertebrate, warm-blooded (White) 25, 374-85

see also Man

Examinations, *viva voce*, term, visual method of recording progress (Sinclair & Darcus) 87, 447, P.

Excitability. *A cardiac study* (Burridge) 1932. 67, 487, *rev.*

of different parts of trunk and of spinal nerve (Rutherford) 5, 329-38 (*frog*)

electrical, of cerebrum, development in puppies (Soltmann) 9, 407, *rep.*

muscle(s) striped, after death (Rosenthal) 7, 191, *rep.*

of motor nerves (Erb) 9, 245, *rep.*; (Riegel) 9, 245, *rep.*

of flexors and extensors (Rollet) 10, 219, *rep.*

of striped muscle of water beetle (*Hydrophilus piceus*) (Fleisch) 10, 219, *rep.*

(tetanisation) of nerves and muscles (Valentin) 10, 652, *rep.*

of nervous system, effect of chloral hydrate on (Rokitsansky) 10, 203-4, *rep.* (*animal expts.*)

Excitation, anatomical localization in spinal cord (Sprague) 90, 590, P. (*cat*)

Excretion, *Sekretion und Exkretion*. 2. *Wissenschaftliche Konferens der Gesellschaft Deutscher Naturforscher und Ärzte*, 1964, 1965. 100, 679, *rev.*

Exercise(s), *Shorter convalescence* (McConnell) 1930. 65, 280, *rev.*

effect on body temperature (Allbutt) 7, 106-19

and circulation (Jones) 8, 427, *rep.*

(rowing) effect of, on circulation as shown by sphygmograph (Fraser) 3, 127-30

violent, facial expressions (M'Kenzie) 40, 51-5

see also Yoga

Exhaustion, nervous and vasomotor activity (Clark) 18, 239-56

see also Fatigue

Exophthalmos, causation, results of experiments, cat (Whitnall & Beattie) 68, 146-7, P.

Exostoses, intracranial (Gruber) 10, 440, *rep.*

in external auditory meatus (Turner) 13, 200-3

multiple, growth-disorders, anatomical changes (Keith) 54, 101-15

relation to chronic inflammatory processes (Meyer) 48, 136

of ulna (Anderson) 19, 309-10

Expression, *The evolution of the facial musculature and facial expression* (Huber) 1931. 66, 276-7, *rev.*

facial, in athletes (M'Kenzie) 40, 51-5

symbolic correlation in (Cleland) 13, 481-97

Extremities, teratology, 35, 505-8; 36, 305-6, *rep.*; 37, 309-11, *rep.*; 38, 370-2, *rep.*; 39, 507-10, *rep.*

Eye, *Studies on the physiology of the eye* (Byrne) 1933. 68, with supplement and new index, c. 1934. 73, 347, *rev.*

The eye. Volume 1. *Vegetative physiology and biochemistry of the eye* (edited by Davson) 1962. 97, 136, *rev.*; vol. 4. *Visual optics and the optical space sense* (ed. by Davson) 1962. 98, 141, *rev.*

Das Auge und seine Hilfsorgane, (Rohen), *Handbuch des mikroskopischen Anatomie des Menschen*, III/4, 1965. 100, 203, *rev.*

The anatomy of the eye and orbit (Wolff) 1933. 68, 286, *rev.*

action of sympathetic nerves upon (Eckhard) 8, 187, *rep.*

anatomy (Hulke) 4, 160, *rep.*

blood vascular system see Systems

centres of rotation, distance between (Panum) 10, 204, *rep.*

in anencephaly, (Manz) 5, 380, *rep.*

histology, 2 foetuses (Oakden) 44, 370-6

anterior chamber, implantation of tissues in (Goldzieher) 9, 415-16, *rep.* (*rabbit*)

cells, Golgi region, histochemical reaction for thiamine pyrophosphatase and acid phosphatase (Shanthaveerappa & Bourne) 99, 103-17 (*rabbit*)

circulation (Dobrowolsky) 5, 211, *rep.* (*man, dog*)

compound, vision with (Boll) 7, 179-80, *rep.*

congenital and acquired association of (Donders) 7, 344, *rep.*

congenital defects, 44, 99, *rep.*

dependence of perception of colour on time (Kunkel) 9, 414, *rep.*

development of hair on, in dog (Dobson) 14, 143

dissecting, easy method (Duncan) 24, 599-600

of embryo 13 mm length, human, model (Thomson) 43, i, P. (June 1908) (*t.o.*)

fluids, changes (Leber) 8, 400, *rep.*

refractive index of (Hirschberg) 8, 400, *rep.*

fused, in rhinocephaly (van Duyse) 34, 417, *rep.*

influence on metamorphosis (Plüger & Platen) 10, 634, *rep.*

interactions on surrounding tissues, effects of removing one or both eyes (Silver) 97, 479-80, *dem.* (*chick*)

living, and heart and brain (Weaver) 93, 570, P. (*TV dem.*)

studied by the Gullstrand slitlamp (Mann) 59, 155-65

lymphatic arrangements (Schwalbe) 4, 302, *rep.*

lymph-spaces in (Schwalbe) 5, 195, *rep.*

maturation, in species habitually reared in darkness (Quilliam) 98, 685, P. (*mole*)

median, innervation, in relation to ancestry of pineal body (Shute) 91, 569-70, P.

micrometry of posterior part (Laqueur) 8, 400, *rep.*

model, working, horizontal section (Stuart) 26, ii, P.

mounting by Priestly Smith's formol method (Windle) 31, xl, P. (*t.o.*)

movements (Adamük) 4, 326-7, *rep.*; (Berlin) 6, 226, *rep.*

innervation of (Samelsohn) 7, 344, *rep.*

neonatal, diameters, principal, 48 specimens (Sorsby & Sheridan) 94, 192-7

opening, factors in, albino rat (Eayrs) 85, 330-7

and orbit, anomalies, 42, 137, *rep.*

Studies on the physiology of the eye (Byrne) 1933. 68, 122, *rev.*

The structure of the eye, Proceedings of the symposium held 11-13 April 1960, during the seventh International Congress of Anatomists, New York, edited by G. K. Smelser, 1961. 96, 303, *rev.*

gross, demonstration (Stuart) 25, 295-7

susceptibility in different parts of, for different colours (Raehlmann) 9, 414, *rep.*

trophic effects of sympathetic innervation (Sinitzin) 5, 399, *rep.*

Eyes of—

bird, pecten in (Mihalkovics) 8, 177, *rep.*

cuttle-fish, development, (Lankester) 9, 207, *rep.*

elephant Indian (Miall & Greenwood) 13, 17-50

horse, accessory organs (Smith) 56, 366-89

insects, preparation of for microscopical investigation (Moseley) 7, 170, *rep.*

lobster (Newton) 8, 178, *rep.*

Subject Index

Eyes of (cont.)

- Ornithorhynchus paradoxus* (platypus) (Gunn) 18, 400-5
Pleuronectidae, position (Schröde) 3, 205-6, *rep.*
Proteus angineus Laur., structure (Hawes) 73, 672, *P.*
 salamander, transplanted, return of function (Stone) 81, 397-8, *P.*
 trout embryo, third, 43, 119, *rep.*
 turbot, reversed (on right side), 43, 119, *rep.*
see also Accommodation; Convergence; Microphthalmia; Vision; parts of eyes, etc.
Eyebrows, (Kidd) 38, iii-vii, *P.*
Eyelids, action of, during expiratory effort (Donders) 5, 228-9, *n.*
 eversion, voluntary (Lockhart) 83, 84, *P.*
 muscles, *see* Muscles, of eyelids
Eye-pieces, compensating (Schulze) 21, 515-24
Eye-socket, base, determination of position, (Evatt) 41, 304-7

Fabella (Gruber) 9, 389, *rep.*

Face, Malformations of the face (Walker) 1961. 97, 291, *rev.*

- bones, formation (Callender) 3, 195, *rep.*
 early growth and development (Callender), 4, 150, *rep.*
 congenital defects (Taruffi) 26, 434-5, *rep.*; 44, 98, *rep.*
 caused by amniotic band, 42, 136, *rep.*
Congenital anomalies of the face and associated structures (edited by Pruzansky) 1961. 96, 133, *rev.*
see also Cleft palate
 double, *see* Janiceps
 expressions in athletes (M'Kenzie) 40, 51-5
The evolution of the facial musculature and facial expression (Huber) 1931. 66, 276-7, *rev.*
 growth, children (Young) 71, 458-70; 72, 144, *P.* (*disc. only*)
 and cartilage of nasal septum (Scott) 85, 434, *P.*
 influence of growth of teeth and nasal septum on (Metcalfe) 95, 285, *P.*
 revealed by radioactive calcium (Dixon) 93, 589, *P.*
 narrow, *see* Leptoprosopia
 preauricular appendages, origin (Ballantyne) 30, 460, *rep.*

thalamo-cortical projections, cat (Darian-Smith et al.) 98, 495, *P.A.S.A.N.Z.*

Facets, squatting, *see* Talus, Tibia

thoracic intervertebral articular, medial inclination, relation to axial rotation (Davies) 93, 68-74; 92, 653, *P.*

Facialis musculature, *see* Muscles, facial

Faeces, control, role of mucosal apposition (Vincent & McFadden) 91, 616-17, *P.*

derivative of bile pigment in (Vanlair & Masuis), 6, 468-9, *rep.*

Fallopian tubes, *see* Tubes uterine

Fallot's tetralogy, *see* Septum, interventricular defect

Fascia, fasciae, *Fasciae of the human body and their relation to the organs they develop* (Singer) 1935. 71, 317, *rev.*

cervical, deep (Frazer) 38, 52-64; (Gruber) 3, 197, *rep.*

lower, *see* Fasciae, cervical, deep

cremasteric, of canal, inguinal, posterior wall (Blunt) 85, 420-1, *P.*

lata, action on venous circulation (Braune) 6, 227-8, *rep.*

lymph absorption by (Generich) 6, 228-9, *rep.* (*dog*) of orbit (Lockwood) 20, 1-25

(Derry) 42, 97-106; and muscles, 42, 107-11; (Cameron) 42, 112-25; (Lesshaft) 8, 160-1, *rep.*

visceral (Stoney) 38, 438-47

and perineal, and visceral supports, female (Cameron) 42, 438-55

and visceral supports (Elliot Smith) part I, 42, 198-218; part II, 42, 252-70

perianal, observations, and on anal intramuscular glands (Walls) 97, 471, *P.*

perineal (Lesshaft) 8, 160-1, *rep.*

and pelvic, and visceral supports, female (Cameron) 42, 438-55

perirenal (Glautenay & Gosset) 33, 354 (*ref. only*)

planes, *A description of the planes of fascia of the human body* (Gallaudet) 1931. 66, 434, *rev.*

renal (Martin) 77, 101-3, *anat. not.*; (Mitchell) 84, 76, *P.*

of Scarpa, *see* Fascia superficial, deep layer of anterior abdominal wall

superficial, deep layer of anterior abdominal wall, (Forster) 72, 130-1, *anat. not.*

Fasciculi, of peripheral nerves, 'perineural epithelium', a metabolically active, continuous protoplasmic cell surrounding (Shantaveerappa & Bourne) 96, 527-37 (*cat, rat*)

Fat(s), absorption (Basch) 6, 243, *rep.*; (Radziejewsky) 8, 205, *rep.*; (Gad) 13, 125-6 (*in vitro expts*)

action of bile in promoting (Williams) 9, 240, *rep.*

in the intestine (Letzerich) 1, 361, *rep.*

in small intestine (Thauhoff) 8, 410, *rep.*

and storage (Hofmann) 7, 350, *rep.*

after pancreatotomy and obstruction of pancreatic ducts (Schiff) 7, 353-4, *rep.* (*bird, dog*)

assimilation (Hoffman) 8, 205, *rep.*

chemical properties and physiological action (Day) 8, 409, *rep.*

composition and fate in blood stream, after feeding and intra-arterial injection of (Röhrig) 10, 643-4, *rep.* (*dog*)

decomposition in small intestine, (Brücke) 5, 224, *rep.* (*dog*)

digestion (Cash) 16, 147, *rep.*

distribution, in reproductive tract, female guinea pig, and ferret (Nicol) 72, 618-19, *P.*; 72, 626, *P.* (*dem.*)

during oestrous cycle, possible use as control in ovarian hormone experimental work, guinea-pig (Nicol) 77, 117, *P.*

in uterine horns, during follicular phase of oestrous cycle and during pseudo-pregnancy (Nicol) 77, 117-18, *P.*

in epithelium of large intestine, cat (Martin) 88, 580-1, *P.*

formation, in animal body (Voit) 4, 321-3, *rep.*; (Weiske & Wildt) 9, 234, *rep.* (*pig*); (Lawes & Gilbert) 11, 577-88 (*pig*)

metabolism (Lawes & Gilbert) 1, 184-5, *abs.*; (Pettenkofer & Voit) 8, 207-8, *rep.*

muscle and bone, in limbs, quantitative interrelationships, radiology (Tanner, Healy & Whitehouse) 93, 563, *P.*

neutral, *Studien zur Morphologie des Neutral-fettstoffwechsels* (Kief) 1964. 99, 186, *rev.*

absorption, Wistinghausen's experiment on action of bile on (Steiner) 8, 209, *rep.*

value of emulsions in absorption in small intestines (Steiner) 11, 559, *rep.*

in nutrition (Voit) 4, 321, *rep.*

perirenal, hernia, 1 case (Reid) 43, 349-50, *anat. not.*

quantitative estimation in milk (Löwit) 9, 447, *rep.*

Subject Index

Fat(s), (cont.)

- source in the body of pigs, (Lawes & Gilbert) 1, 359, *rep.*
 synthesis (Perewoznikow) 11, 559, *rep.*
 variations, age and sex, suprarenal cortex, rat (Tobin & Whitehead) 76, 342-6
- Fatigue**, in bone (Smith & Walmsley) 91, 603-4, *P.*
 facial expressions in (M'Kenzie) 40, 51-5
 muscular (Volkman) 5, 405, *rep.*
 action, efficiency and (Darcus, Weddell & Weiner) 81, 394, *P.*
- Faviol reactions**, in histology (MacConaill & Gurr) 95, 450, *P.*
- Feathers**, *Pterylography* (Nitzsch, trans. by Dallas) 1867. 2, 391, *rev.*
 bifurcation (Rutherford) 37, 368-74
see also Plumage
- Fecundity**, *Fertility, sterility and allied topics*, (Duncan) 1866. 1, 353, *rev.*
see also Fertility
- Fehling's solution**, effects of sugar and uric acid on (Seegar) 10, 218, *rep.*
 effect of boiling distilled water on (Boisin & Loisen) 10, 650-1, *rep.*
- Felis concolor* (puma) young, parietal bone, divided, 1 specimen (Patten) 59, 84, *S.P.*
 parietal and temporal bones, division (Patten) 59, 97, *S.P.*
- Felis domesticus*, habits and history (Rolleston) 2, 47-61
 origin of heart and blood vessels (Watson) 58, 105-33
- Felis leo* L. (lion) sac, chorionic, full-term (Morton) 97, 621-2, *P.*
- Feminism**, 30, 452, *rep.*
 of ancients (Meige, Féré) 30, 452-3, *rep.*
- Femur, femora**, (Merkel) 8, 386-7, *rep.*
 architecture, correlated with locomotion, mammal (Rudolf) 56, 137-46
 internal (Dwight) 9, 311-14 (*comp. study, mammalia*)
 articular surface (geniculate) (Higgins) part I, 29, 574-82; part II, 30, 292-5
 axes, vertical, relations, and posture (Walmsley) 67, 284-300 (*comparative*); 66, 142, *P.*
 blood flow rates, rat (Brookes) 100, 435-6, *P.*
 blood supply in relation to repair of cortical defects (McAuley) 92, 655, *P. (rat)*
 of Egyptians, prehistoric (Derry) 43, iii, *P. (July 1907) (t.o.)*
 the eminentia and the empreinte (Odgers) 65, 352-62
 English, characters, historical study (Parsons) 48, 238-67; 49, 345-61
 extremities, lower and upper, facets and imprints, Western Nigerians (Kostick) 97, 393-402
 fibres, effect of age on, domestic fowl (Pratt) 95, 110-22
 form, changes in, and evolution of lateral rotator muscles of hip in mammals (Appleton) 59, 81-3, *S.P.*
 fossa, hypotrochanteric and groove, accessory adductor, primate (Appleton) 56, 295-306
 fossil, human and primate, *Das menschliche Femur, nebst Beiträgen zur Kenntniss der Affen-femora* (Bumüller) Thesis, Munich, 1899. 35, 271, 273-5, *rev.*
 groove, accessory adductor, and fossa, hypotrochanteric, primate (Appleton) 56, 295-306
 head, epiphysis (Walmsley) 49, 434-40
 influence on pelvic growth and acetabular form, rat (Harrison) 95, 12-24
 indices, pilastric, platymeric and popliteal racial differences (Hepburn) 31, 116-56
 squatting in Punjabis (Shah) 77, 110-11, *anat. not.*
 and measurements (Holtby) 52, 363-82
 isolated, sex (Steel) 92, 653, *P.*

- lower end, from American Indians and modern Canadians (Siddiqi) 70, 410-12
 neck, as a static problem (Walmsley) 49, 314-35
 structural details (Walmsley) 49, 305-13
 negro, two, and Trinil femur (Bryce) 32, i-ii; 34, 76-82; 31, xxxvii, *P. (t.o.)*
 relationship of thigh muscles to (Appleton) 59, 3-5, *S.P.*
- Scottish, demonstration of ancient femora and tibiae (Bryce) 66, 146, *P.*
 shaft, changes, postnatal, rat (Pratt) 93, 309-22
 surface, upper epiphysial, interlocking pattern and 'slipped epiphysis' (Fyfe) 83, 85-6, *P.*
 suture, lower epiphysial, form and function, (Thomson) 36, 95-105; 36, xxvi, *P.*
 torsion (Walmsley) 67, 208, *P.*
- Trinil, (*Pithecanthropus erectus*) comparative study of (Hepburn) 31, 1-17
 and pair of negro femur (Bryce) 32, 76-82; 32, i-ii
 tubercles, supracondylar, 286 femora (Nadgir) 51, 275
 upper end, architecture, internal (Dixon) 44, 223-30
 arterial supply, (Crock) 99, 77-88
 and fractures through the base of neck (Thompson) 42, 60-8
 variations, *Étude sur les variations morphologiques du corps du fémur dans l'espece humaine* (Manouvrier) 1893. 29, 142, 144, *rev.*
 congenital luxation, 31, 463, *rep.*
 head, congenital dislocation (Shepherd) 14, 368-72; note on 15, 452
 lower end, in Indians (Siddiqi) 68, 331-7; 68, 155, *P. (t.o.)*
 especially aborigine (Martin) 66, 371-83
 neck, congenital defect causing coxa vara (Fairbank) 62, 232-7
 right, congenital absence, with absent right hand and forearm (Barwell) 34, 421, *rep.*
 vascularization, rabbit, and of tibiofibula (Brookes & Harrison) 91, 61-72
- Fermentation**, butyric acid (Paschutin) 8, 409-10, *rep.*
 influence of compressed air on (Bert) 10, 654, *rep.*
 in stomach and formation of gases (Ewald) 9, 426, *rep.*
 theory (Pasteur) 13, 264-5, *rep.*
- Ferments** (Nasse) 9, 236-7, *rep.*
 amorphous (Hüfner) 7, 359, *rep.*; (Nasse) 10, 654, *rep.*
 influence of arsenic on (Böhm) 7, 359, *rep.*
 amyolytic (Foster) 1, 107-13
see also Amylase
 of pancreas (Paschutin) 8, 409, *rep.*
 digestive, of nepenthes (Vines) 11, 124-7 (*plants, insectivorous*)
 separation (Paschutin) 6, 459-60, *rep.*; 8, 409, *rep.*
 inhibition of actions of, in living animals (Luchsinger) 10, 654, *rep.*
 sugar-producing, in animals (Abeles) 11, 563, *rep.*
see also Enzymes
- Ferns**, carboniferous, demonstration of fructification of (Kidston) 25, ii, *P. (SMS) (t.o.)*
- Ferret**, early development, the cytoplasm of ova (Mainland) 65, 411-26
 pronuclei (Mainland) 64, 262-87
 embryos, blood vessels, heart, earliest stages (Wang) 52, 107-85
 embryology, head end (Radford) 45, 336-46
 studies in (Yeates) 45, 319-35
 effect of cerebral lesions on oestrus in (Herbert) 91, 598, *P.*
 hypophysis cerebri, blood supply (Robson) 93, 582, *P.*
 cytology, female (Holmes) 93, 582, *P.*

Subject Index

Ferret, (cont.)

- oestrus, light-induced, rate of appearance in normal, and in ferrets after bilateral superior cervical ganglionectomy (Marshall & Thomson) 91, 600, *P.*
and thyroidectomy in (Marshall & Thomson) 91, 599-600, *P.*
cycle (Hamilton & Gould) 73, 358-9, *P.*
fatty substances and glycogen in uterus during (Nicol) 73, 362-3, *P.*
pluriovular follicle in (Mainland) 62, 139-58
pronuclei, abnormal (Hamilton) 70, 429-31
subcortical connexions of the optic tract system in (Jefferson) 75, 106-34
zona pellucida, and other structures (Mainland) 66, 586-601
see also Mustela furo L.; Mustela putorius
Ferritin, extracted and intracellular, (Muir) 94, 287-8, *P. (mammal, toad)*
synthesis, in subcutaneous macrophages (Muir & Goldberg) 95, 448, *P.*
Fertility, in women (Duncan) 1, 167, *rep.*
Fecundity, fertility, sterility and applied topics (Duncan) 1866, 1, 355, *rev.*
hesperidin, phosphorylated, effect on prepubertal mice (Bacsich & Young) 88, 547, *P.*
and placentation of Shanghai river deer (Ewart) 12, 225-8
Fertilization, maturation and early cleavage in Monotreme (Flynn & Hill) 72, 156-7, *P.*
in field vole (*Microtus agrestis*) (Austin) 91, 1-11
and the roles of hyaloplasm and chromosomes of sperm nucleus (Dalcq) 61, 493, *P.*
Fever, (Jacobson & Leyden) 5, 218, *rep.*; (Naunyn) 5, 218, *rep.*; cause (Naunyn) 5, 408, *rep. (dog)*
theories (Murri) 9, 444-7, *rep. (dog)*
chemical contribution to knowledge (Manassien) 7, 352, *rep.*
experimental production of, (Jacobson, Bernhardt & Layden) 5, 410, *rep.*
and flowers, 7, 359, *rep.*
induced by experimental thrombosis and ligation of major blood vessels (Albert) 9, 247-8, *rep. (dog)*
insensible excretion in [? sweat] (Neumann) 8, 428, *rep.*
respiration in (Leyden) 5, 404, *rep.*
temperatures, central and peripheral (Schulein) 10, 651, *rep.*
after transfusion (Liebrecht) 9, 247, *rep.*
urea excretion in (Naunyn) 5, 226, *rep.*
Fiber zibethicus (Muskat) tongue and gustatory organs of (Tuckerman) 22, 135-41
Fibres, collagen, bones, patterns mammals inc. man (Smith) 94, 329-44
effect of age on, femur domestic fowl (Pratt) 95, 110-22
of veins, and venous return (Franklin) 66, 602-9
dentinal (MacConaill) 89, 569, *P.*
elastic, of bronchi and lung, arrangement (Miller) 40, 162-70; 40, v, *P. (t.o.)*; 39, xxxix-xxx, *P.*
cornea (M'Iroy) 40, 282-91
development (Deutschmann) 9, 190, *rep.*
in *Ourebia ourebi* (Zimmerman) (African antelope)
umbilical cord (Kellas) 99, 425, *P. (dem.)*
staining (Stirling) 24, 604-6
tendon, origin (Gemmell) 40, 396-9 (*dog*)
muscular, action of quinine on (Chirone) 10, 654, *rep.*
action of veratria on (Fick & Böhn) 8, 213, *rep.*
birefringence and contractility and (Englemann) 11, 568, *rep.*

- of bladder, urinary (Griffiths) 25, 535-49
cardiac, glycogen content, graphical method of comparing from various regions (Davies & Francis) 77, 115, *P. (frog)*
Purkinje (Lehnert) 3, 300, *rep. (mammalia)*
cellular structure (Muir) 99, 27-46
development in man (Walls) 81, 93-110; 80, 237 *P.*
sheep (Field) 81, 392-3, *P.*
network in myocardium of mammalian ventricles (Abramson & Margolin) 70, 250-9 (*sheep, ox*)
ventricles, sheep (Muir) 91, 251-8
see also Bundle, atrioventricular; Heart, conducting system
ventricles, arrangement (Hensley) 4, 82-6
contraction *see* Contraction
contracture and structure (Rutherford) 31, 309-42 (*crab, vertebrates*); 25, ii, *P. (SMS) (t.o.)*
development, in frog (Petrovsky) 8, 424, *rep.*
diameter, m. gracilis, in normal animals, and after anterior ramisection and after anterior poliomyelitis, *Rhesus macacus* (Bowden) 86, 483, *P.*
of diaphragm (Cazalis) 5, 193, *rep.*
excitation, site opening and closing galvanic current, frog (Engelmann) 2, 435-6, *n.*
fast and slow, structures, frog (Gray) 92, 559-62
growth (Mackay) 95, 602, *P. (rat)*
innervation, chick, (Mackay & Ginsborg) 95, 453 *P.*
length (Jansen) 47, 319-20; (Lockhart & Brandt) 72, 470, *P.*
nuclei, in adult frog (Weber) 9, 389-90, *rep.*
pineal body, (Kenny) 99, 945, *P.A.S.A.N.Z. (cattle, rat, bat, man)*
red and white (Meyer) 11, 206-7, *rep. (fowl, guinea-pig, rabbit)*
gastrocnemius and soleus (Walls) 87, 437, *P.*
regenerating *see* Regeneration
slow and fast, structures, frog (Gray) 92, 559-62
structure (Ratzel) 4, 154, *rep. (invertebrates)*; (Schwalbe) 4, 154, *rep. (invertebrates)*; (Krause, Hensen, Heppner) 3, 449-50, *rep.*; (Engelmann) 7, 328-9, *rep.*; (Sachs) 7, 329, *rep.*
in acids and alkalis (Barer) 81, 259-85; 81, 384-5, *P.*
in *Arthropoda* (Merkel) 6, 442, *rep.*
in water beetle (Schäfer) 7, 329, *rep.*
and contracture (Rutherford) 31, 309-42 (*crab, vertebrates*); 25, ii, *P. (SMS) (t.o.)*
in *Siphonophora* (Dönitz) 6, 442, *rep.*
in *Trombidium* and *Cyclops* (Flögel) 6, 442, *rep.*
temperature variation, effects (Guinhausen) 8, 429, *rep. (frog)*
Purkinje, *see* Fibres, muscular, cardiac, Purkinje
Fibres, nerve, afferent, *The main afferent fiber systems of the cerebral cortex in primates* (Poliak) vol. II. 1932. 68, 123-4, *rev.*
of nerves, cranial III, IV & VI (Stibbe) 65, 176-7, *P.*
hypoglossal (Downman) 73, 387-95; (Tarkhan & Abon-el-naga) 81, 23-32
mesenteric, superior, rabbit (Ross) 92, 189-97
optic (Abd-El-Malek) 72, 524-30 (*dog*)
splanchnic, greater (Beattie) 71, 150, *P. (t.o.)*
to nucleus, thalamic dorso-medial, cat (Guillery) 93, 403-19; 93, 574, *P.*
of arteries, basilar and middle cerebral, electron microscopy (Samarasinghe) 97, 311, *P. (rat)*
aldehyde fixation (Vaughn & Peters) 100, 687 *P.*
atrial (heart), mammals (King & Coakley) 90, 601, *P.*

Fibres, nerve, (cont.)

- autonomic degeneration and regeneration, (de Castro) 61, 514, *P. (dem. only)*
- autonomic, sympathetic, distribution in limbs (Woollard & Phillips) 67, 18-27
- vaso-constrictor, limbs, distribution (Telford & Stopford) 67, 417-19
- see also Fibres, nerve, sympathetic
- brain, structure, varicose (Obermeier) 8, 173, *rep.*; (Roth) 8, 173, *rep.*
- cell, Schwann, relations (Causey & Hoffman) 89, 562, *P.*
- centrifugal, to retina, pigeon (Cowan & Powell) 97, 301, *P.*
- organization, pigeon (McGill *et al.*) 100, 35-49
- of cerebrum (Arndt) 4, 159, *rep. (rabbit)*
- cholinergic, in cerebral cortex, histochemistry (Krnjević & Silver) 99, 711-59 (*cat*)
- cholinesterase-positive, of uterus, distribution (Coupland) 94, 289, *P.*
- cochlea, projection, expt. (Powell & Cowan) 96, 269-84 (*cat, rabbit*)
- colon, mucous membrane, quantitative ultrastructural studies (Silva) 100, 939, *P.A.S.A.N.Z. (mouse)*
- commissural, in corpus callosum of macaque monkey (Sunderland) 74, 142, *P. (disc. only)*
- conductivity (Schiff) 2, 192, *rep.*
- continuity, anatomical, in terminal plexuses (Woollard) 71, 480-91
- of cortex cerebral (Gerlach & Rindfleisch) 8, 171, *rep.*
- (pyramidal) distribution within nuclei cuneatus and gracilis, cat (Kuypers & Tuerk) 98, 143-62
- corticofugal, to reticular formation of brain stem, experimental study, cat (Rossi & Brodal) 90, 42-62
- counting, differential (Romanes) 81, 403, *P. (dem.)*
- crosses of Ranvier, dem. (Stirling) 24, 607
- cutaneous (Langerhans) 3, 452, *rep.*
- degeneration, see Degeneration
- diameter, growth changes, fishes (Thomas) 90, 5-14
- internode length and fibre, developing (Vizoso & Young) 82, 110-34 (*rabbit*)
- nodal and internodal, effect of various solutions upon (Higgs) 92, 643, *P. (rat)*
- differentiation, in plexuses, submucous (Dixon) 91, 607, *P.*
- efferent, optic nerve, toad (*Bufo bufo*) (Maturana) 92, 21-7
- encephalospinal, in *Lacerta viridis* (Robinson) 97, 490, *P.A.S.A.N.Z.*
- extrinsic, of gut, distribution in rat (Schofield) 90, 592, *P.*
- giant, of certain fishes (Gaskell) 34, xlv, *P. July 1899*
- earthworm, electron microscopy (Kashef) 100, 439, *P.*
- histogenesis (Cameron) 40, iii, *P.*
- laryngeal, components, *Macaca mulatta* (Brocklehurst & Edgeworth) 74, 386-9
- lines of Frommann, demonstration (Stirling) 24, 607
- medullated, cranial (Edgeworth) 34, 113-50
- distribution in vagus rabbit (Evans) 84, 73-4, *P.*
- histology and pathology of (Fleming) 31, 397-409 (*man, rabbit*)
- population characteristics (Quilliam) 90, 172-87 (*rabbit, rat, sheep*)
- processing, histological, effects (Williams & Wendell-Smith) 93, 560, *P.*
- medullation and dietary factors, rat (Tomasch) 95, 180-90
- moxy, endings, of cerebellum, light and electron microscope observations (Gray) 95, 345-56 (*rat*)
- hippocampus, fine structure, rabbit (Hamlyn) 96, 112-20
- movements due to electrical stimulation (Engelmann) 7, 178, *rep. (frog)*
- of mouse's ear and bat's wing (Stieda) 6, 443, *rep.*
- of muscle, maturation, influence of peripheral factors, nervus gastrocnemius, rabbit (Evans) 86, 477, *P.*
- myelin sheath, see Sheath, medullary of nerves
- narrowing, nodal (Young) 83, 55, *P.*
- non-medullated, distribution of in cornea, nictitating membrane, peritoneum, tongue, ciliated duct (Klein) 6, 436, *rep. (frog, rabbit)*
- of dorsal roots (Windle) 57, 360-3
- origin (Cauna) 97, 645-6, *P.*
- optic, arrested in cornea (Silver) 97, 475, *P. (chick embryo)*
- connexions, experimental study, sheep (Nichterlein & Goldby) 78, 59-67
- crossed and uncrossed in dog (Rogalski & Rymaszewski) 80, 228, *P.*
- in microphthalmia (Rogalski) 80, 215-16, *P.*
- of mammalian retina (Thin) 13, 139-45 (*sheep, cat*)
- termination in lateral geniculate body cat (Glees) 75, 434-40
- monkey (Glees & Le Gros Clark) 75, 295-308
- rabbit (Glees) 76, 313-18
- association system of visual cortex and central representation of retina (Le Gros Clark) 75, 225-35 (*monkey*)
- optic and macroglia (Blunt *et al.*) 99, 1-11 (*cat, rabbit*)
- and olfactory, abnormal migrations, deductions (Giroud) 100, 690-1, *P. (rat, mouse)*
- osteogenic (so-called) of Ranvier's ossification groove, and their relation to fibres of perichondrial and periosteal bone, rat (Pratt) 91, 591, *P.*
- in pars tuberalis after stalk section, ungulates (Beck & Daniel) 94, 574, *P.*
- peripheral, composition, variability, (Tomasch & Britton) 90, 337-49
- continuity (Woollard) 72, 144, *P.*
- perivascular, see Arteries, named
- preganglionic, in vagus (Goldy & Mohiuddin) 84, 79-80, *P.*
- pressure on, effect (Causey) 82, 262-70; 83, 75, *P.*
- on conduction (Causey) 84, 65, *P.*
- regeneration, see Regeneration
- relation to capillary and pigment cells (Beale) 6, 436, *rep.*
- in relation to cells of salivary glands (Kupffer) 7, 330, *rep. (insects & larvae of Muscidae)*
- rubrospinal, termination, sites and mode, silver termination methods, cat (Nyberg-Hansen & Brodal) 98, 235-53
- spinal, cord (Schiefferdecker) 9, 203-4, *rep.*
- course in dorsal roots, *Macaca mulatta* (Young & Zuckerman) 71, 447-57
- non-medullated in dorsal roots (Wilson) 59, 63-4, *S.P.*
- and spinal ganglia (McCarthy) 10, 446, *rep.*
- staining silver in paraffin sections (Romanes) 84, 104-15
- peripheral, Gros-Bielschowsky modification, in frozen sections (FitzGerald) 97, 623, *P.*
- strio-hypothalamic, contribution to decussation, supra-optic (Glees) 78, 113-17 (*cat, rabbit*)

Subject Index

Fibres, nerve, (cont.)

- structure (Rudanowski) 5, 378, *rep.*
- with review of literature (Stirling) 15, 446-7, *anat. not*
- sympathetic, preganglionic, ramification, anterior, (Monro) 88, 567, *P.*
- teased, size relationships (Wendell-Smith & Williams) 93, 560, *P. (rabbit)*
- tecto-reticular, brain stem, cat (Pearce & Glees) 91, 572, *P.*
- teeth, silver impregnation (Fearnhead & Linder) 90, 228-35
- thalamostriate in birds (Powell & Cowan) 91, 571, *P.*
- tracts, crossed, and optic chiasma, significance, cephalopods (Stanier & Young) 89, 571, *P.*
- in uteri, deciduous and non-deciduous (Fink) 98, 486-7, *P. A. S. A. N. Z. (rat, cow)*
- in uterine muscle (Hertz) 4, 154, *rep.*
- of ventricles of heart, mammals (Davies, Francis & King) 86, 130-43
- olfactory and optic, migrations, abnormal (Giroud) 100, 690-1, *P. (rat, mouse)*
- oxytalan, ultrastructure (Griffin) 100, 690, *P. A. S. A. N. Z.*
- Reissner's, 15-week foetus, human (Lucas Keene & Hewer) 69, 501-7, 70, 192, *P.*
- solitario-spinal, cat (Torvik) 91, 314-22
- Fibrin, coagulation, relation to blood corpuscles (Schmidt) 10, 646, *rep.*; 11, 193-5, *rep.*; 11, 195-8, *rep. (frog, bird, mammal)*
- origin, and cause of blood coagulation (Mantegazza) 6, 458-9, *rep.*
- a constituent of the stroma of erythrocytes (Heynsius) 3, 122-6
- derivatives, after pancreatic and gastric digestion (Kistiakowsky) 10, 214-15, *rep.*
- digestion (Wolffhugel) 8, 204, *rep.*
- in erythrocytes (Heynsius & von der Horst) 5, 223, *rep. (horse)*
- origin (Mantegazza) 11, 553, *rep. (herbivores, dog)*
- pepsin, action on (von Wittich) 8, 204, *rep.*
- peptones produced from (Mohlenfeld) 7, 352, *rep.*
- separation in the body, cause and prevention (Richardson) 4, 321, *rep.*
- stain for (Stirling) 24, 601-2
- Fibrin-ferment, in circulating blood, experiments (Haycraft) 22, 172-90
- Fibrinogen (and fibroplasin) preparation (Allchun) 2, 278-9
- and fibrino-plastic substance, effect of glycerine upon (Grunhagen) 4, 320-1, *rep.*
- Fibrinoplastic substance, effect of intravenous injection (Schiffer) 6, 482-3, *rep. (dog)*
- Fibroblasts, adult, in tissue culture, electron microscopy guinea-pig (Devis & James) 98, 63-8
- cultured, dense cytoplasmic granules in, pinocytosis and (Hayward) 95, 454, *P.*
- dental pulp, developing, (Griffin) 99, 953, *P. A. S. A. N. Z.*
- effect of scurvy on fine structure of, in guinea-pig regenerating tendon (Peach) 97, 141, *P.*
- and macrophages, interrelationship, experiments on (Jacoby) 91, 586-7, *P.*
- mature collagen fibres within cytoplasm (Meek) 99, 929, *P. (guinea-pig)*
- neoplastic and normal, ultrastructure, *in vitro* study (Causey & Heyner) 98, 285, *P.*
- speed of movement in tissue cultures, factors effecting (Heavensman) 86, 472-3, *P.*
- Fibrocartilages, intra-articular, function with reference to knee and inferior radio-ulnar joints (MacConaill) 66, 210-27; 66, 146-7, *P.*

- mechanics and functions (MacConaill) 89, 566-7, *P.*
- structure and functions (Barnett) 88, 363-8 (*vertebrate*)
- Fibro-chondromata, branchial, bilateral, 43, 119, *rep.*
- with harelip and diaphragmatic hernia, congenital, 38, 368, *rep.*
- Fibrogenesis, and alkaline phosphatase (Johnson & McMinn) 92, 544-50 (*cat*)
- Fibula, congenital absence, 1 case (Busachi) 27, 422, *rep.*; 35, 508, *rep.*
- 120 cases (Mazzitelli) 34, 423, *rep.*
- of lower two-thirds, 1 child (Tyrie) 28, 411-13
- defect, congenital, 40, 301, *rep.*; 43, 123, *rep.*
- form and mobility, metatherian mammals (Barnett & Napier) 87, 207-13
- mobility, rotatory, in eutherian mammals (Barnett & Napier) 87, 11-21; 86, 489, *P.*
- influence of axis of rotation at ankle joint (Barnett & Napier) 86, 1-9
- posture, upright, adaptation (Wright) 39, xxx-xxxv, *P.*
- reduction, mammals (Walmsley) 52, 326-31
- relation to femur in human embryo (Grunbaum) 26, xx, *P.*
- Field, gravitational, effect on growth of rats (Steel) 94, 284, *P.*
- Filaments, cytoplasmic, of spinal ganglion cells, considered with Nissl's substance and nuclear membrane, electron microscope study (Dawson & Wyburn) 89, 573 (*rabbit*)
- Fillet, *see* Lemniscus
- Films, cine, endless strips, in research and teaching (Fyfe) 88, 586, *P.*
- living blood cell, (Hancox) 87, 457, *P.*
- pulsation of great veins (McDonald, Helps, Fergusson) 87, 441-2, *P.*
- Fin(s), accessory, in *Raia batis*, 2 cases, 42, 139, *rep.*
- anal, appendages, in embiotocoid fishes (Blake) 3, 30-2
- dorsal, supernumerary, trout, 35, 501, *rep.*
- mesial and lateral, homologies in osseous fishes (Humphry) 5, 59-66
- pectoral, supernumerary, *Raia circularis* Loudon (Harper) 67, 213, *P. (dem)*
- Financial assistance, for publication of papers, Editorial note, 54, 270
- Finger(s), congenital malformation (Gruber), 4, 160, *rep.*; 43, 123, *rep.*
- index, double, 36, 305-6, *rep.*
- and middle, segmentation, abnormal, hereditary (Drinkwater) 50, 177-86
- little absence, 40, 300, *rep.*
- double, 36, 305, *rep.*
- lateral inclination towards axis of hand, incidence, 40, 300, *rep.*
- short, *see* Brachydactyly
- supernumerary, and toes in same case (Kuhnt) 7, 332, *rep.*
- see also* Ectrodactyly; Digits; Hexadactyly; Hyperphalangy; Macroactyly; Pollex; Polydactylism
- muscle function (Stack) 98, 477, *P.*
- Fingerprints, (Ledingham) 36, 94, *A.U.A.A.S.*
- Maori, New Zealand (Adams) 97, 483-4, *P.A.S.A.-N.Z.*
- Finger ridge patterns, and mental defect, 5,372 cases (Rashad) 100, 699, *P.*
- Fish, *see* Pisces
- Fission, of chick embryo, 37, 304, *rep.*
- Fissure(s), abdominal, with duplication of external genitalia, 42, 136, *rep.*
- abdomino-pelvic, 40, 299, *rep.*

Subject Index

Fissure(s), (cont.)

- calcarine, development (Cunningham) 32, xviii, *P.* (t.o.)
- central, *see* Sulcus, central
- cerebellar and cerebral, *see* Sulci
- choroidal, of eye, and associated regions, chick, and mammal (Mann) 55, 113-18
- of liver, *see* Liver
- Rolando, *see* Sulcus, central
- of skull, orbital, superior, subdivision (Warwick) 85, 289-91, *anat. not.*
- of Sylvius, *see* Sulcus, lateral
- vesico-abdominal, two cases (Bartels) 3, 203, *rep.*
- Fistula(e)**, bilateral, of nasopharynx, in living adult (Wilson) 90, 579, *P.*
- biliary (one case and composition of bile) (Westphalen) 8, 418-19, *rep.*
- branchial 21, 289-98; 25, 436-7; 1 case, 27, 418, *rep.*; diverticula in (Léjars) 27, 418, *rep.*
- cervical, 1 case, 30, 460, *rep.*
- complete (Kanthack) 26, 197-8
- median (Barwell) 30, 460, *rep.*
- congenital, of neck, 38, 366, *rep.*
- gastric, 1 case (Richet) 13, 244, *abs.*
- experiments with pepsin (Panum) 6, 460, *rep.*
- gastro-bronchial, with other anomalies, 38, 368, *rep.*
- oesophago-tracheal, in lower segment, with atresia of oesophagus (Brentano) 28, 466, *rep.*
- Thiry's, observations (Albini) 7, 187, *rep.*
- umbilical, faecal (Shepherd) 27, 420, *rep.*
- vesico-colic, 2, with other anomalies, 38, 370, *rep.*
- vesico-vaginal (Wood) 63, 155, *P.*
- vitelline (Shepherd) 27, 421, *rep.*
- Fixation**, *Über der Vergleichung einiger Fixierungs- und Färbungsmethoden* (Kosaka & Bito) *Folia anatomica Japonica*, 1924. 11, 247-52; 59, 448, *rev.*
- of bone, and decalcification (Gooding & Stewart) 66, 142-6, *P.*
- controlled-heat method (Barnett *et al.*) 100, 937, *P.A.S.A.N.Z.*
- effect on ameloblast layer of enamel organ, rat (Symons) 91, 527-32
- freezing methods, and electron microscope (Young & Johnson) 93, 573, *P.*
- lungs, and vascular perfusion (Towers) 88, 577-8, *P.*
- neurones, effect, chick (Hughes) 88, 549, *P.*
- Fixatives**, effects on living cells (Crawford & Barer) 83, 73, *P.*
- effect on nervous tissue (Donaldson) in *J. Morphol.*, vol. ix, 1894. 28, 380, 382, *rev.*
- effects of variation on Gram reaction in basophil granules of pituitary (Wilson & Foster) 87, 444-5, *P.*
- histological, for developing teeth (Symons) 90, 583-4, *P. (rat)*
- Flat-foot**, anatomy of acquired (Symington) 19, 83-93 and construction of the plantar arch (Humphry) 21, 155-62, *anat. not.*
- dissection, 1 case (Humphry) 25, 102-4
- Flaxedil, *see* Gallamine triethiodide
- Flexion**, and abduction, in humeral rotation (Hickey) 100, 947, *P.A.S.A.N.Z.*
- Flexure**, duodenal-jejunal, topographical anatomy (Addison) 35, 178-9
- position (Addison) 38, xxxix-xl, *P.*
- variations (Harman) 32, 665-74
- sigmoid of colon *see* Colon, sigmoid, flexure
- Flight**, of birds and insects (Marey) 7, 173-4, *rep.*
- mechanism birds (Marey) 4, 308, *rep.*; (Pettigrew) 3, 205, *rep.*
- and bats (Krarup-Hensen) 4, 308, *rep.*

- Flipper**, cetacean, *see* Limb, fore
- Flocculus**, of cerebellum, peduncle, and the posterior medullary velum (Johnston) 68, 471-9; 69, 133, *P. (disc.)*
- Floor, of pelvis**, 2 male subjects (Symington) 34, 101-10
- Florisbad skull**, *see* Skull, Florisbad
- Flowers**, and fevers, 7, 359, *rep.*
- Fluid, amniotic**, volume, effect of cortisone, during closure of secondary palate (Harris) 98, 471, *P. (mouse)*
- cerebrospinal**, *The anatomy of the cerebrospinal fluid* (Millen & Woollam) 1962. 96, 542, *rev.*
- absorption, secretion and circulation, case of hydrocephalus (Gladstone & Dunlop) 61, 360-84; 61, 387-413
- in cerebral injuries (Duret) 13, 254-5, *abs. (dog, horse, rabbit)*
- circulation (Quincke) 7, 349, *rep.*
- distribution (Hitzig) 10, 203, *rep. (dog)*
- and meninges (Weed) 72, 181-215
- route of drainage and Weed's evidence (Cooper & Howarth) 88, 570, *P.*
- pressure, anatomical factors regulating (Bowsher) 87, 456, *P.*
- in relation to hydrocephalus in young of female rabbits subjected to experimental hypovitaminosis A (Millen & Woollam) 90, 567, *P.*
- protein absorption, from (Bowsher) 91, 572, *P.*
- lacrimal**, distribution (Wolff) 84, 60, *P.*
- Lymphatics**, lymph and tissue fluid (Drinker & Field) 1933. 68, 286-7, *rev.*
- synovial**, *Synovial joints, their structure and mechanics* (Barnett, Davies & MacConaill) 1961. 95, 599, *rev.*
- cell content (Davies) 80, 221, *P.*
- in developing joints (Whillis) 80, 242, *P.*
- origin and fate (Barclay-Smith) 59, 35, *S.P.*
- origin of synovial mucin (Davies) 77, 160-9 (*various animals*)
- physical properties (Palfrey & Davies) 100, 436, *P.*
- volume, viscosity and nitrogen content, histology of synovial membrane (Davies) 78, 68-78 (*cattle*)
- tissue, circulation (Knies) 10, 634, *rep.*
- Fluorescence** of tissue induced by acridine orange (Armstrong) 90, 598, *P.*; 91, 570, *P.*
- technique for adrenergic nerve demonstration (Spriggs *et al.*) 100, 688, *P. (cat, rat)*
- Foetus(es)**, abortion of four, 31, 457, *rep.*
- amorphous (Charlton) 36, 78-80; 29, 466, *rep.*
- 32-day (Low) 36, 94, *A.U.A.A.S.*
- 48 mm. C. R. length, auditory apparatus, from woman with two deaf-mute children (Morton) 93, 565-6, *P.*
- Australian, (second) external characters (Wood Jones) 72, 301-4
- congenital defects, associated with hydatiform degeneration of placenta (Roberts) 85, 410, *P.*
- malformed, early, 31, 456, *rep.*
- in foetu, 43, 117, *rep.*
- death and malformation, relationship (Beck & Lloyd) 97, 555-64, *rat*
- demonstration by photographs, exterior form and in section (Fraser) 28, 9, *P.*
- effect upon mortality of teratogenic agents given at different stages of pregnancy (Beck & Lloyd) 97, 622, *P. (rat)*
- and mother, transference of substances between (Benicke) 10, 654, *rep.*
- nerve endings (Hewer) 69, 369-79; (Lucas Keene & Hewer) 70, 192, *P. (dem.)*
- nutrition of, *in utero* (Gusserow) 6, 440, *rep.*

Subject Index

- Foetus(es), (cont)**
 membranes, and foetal, *Delphinus delphis* (Gervais) 7, 336, *rep.*
papyraceus, 37, 302, *rep.*
 parasitic, 1 case, 30, 457, *rep.*
Pathology of the fetus and the infant (Potter) 2nd ed 1961 96, 411, *rev.*
 and placenta *in situ*, chimpanzee (Morton) 91, 605, *P.*
 respiration (Zweifel) 11, 558, *rep.*
 twin, numerous visceral and skeletal abnormalities (Harker) 9, 182-4,
 weight (Moorhead) 36, 400-4
see also Growth, and named congenital malformations
- Fold(s)**, caeco-appendicular (Jones) 46, 239-43
 gastropancreatic, relations to movements of stomach and to the subdivisions of the lesser sac, (Crymble) 47, 207-24
 genito-mesenteric of peritoneum (Reid) 48, 432-44
 gluteal, (Symington) 18, 198-202
 ileocaecal (Reid) 47, 479-85
 inguinal, observations, rabbit and marsupial embryos (Kirk) 71, 146-8, *P.*
 peritoneal, appendicular (Jones) 46, 239-43
 rectal, transverse (valves of Houston) in embryo and foetus, human, development (Silver) 89, 217-24; 88, 557, *P.*
 of Treves, bloodless, *see* Fold, ileocaecal
 vocal anatomy (Duckworth) 47, 80-115, (*man*, *mammals*, *marsupial*, *reptile*)
 changes, in humming low and high notes (Mitchinson & Yoffey) 82, 88-92 (*v-ray study*)
 nature of (Sutton) 23, 256-62, 23, 1x, *P.*
 voice, movements in altering pitch of (Mitchinson & Yoffey) 81, 400, *P.*; 81, 404, *P. (dem.)*
- Follicle(s)**, dental, differentiation and fate (Tonge) 97, 148, *P. (man, cat)*
 origin and formation in mammalia (Legros & Magitot) 8, 387, *rep.*
 Graafian, anovular, of sterile dingo and aged mouse (Tamura) 61, 325-8
 developing oocyte and granulosa cells, electron microscopy, golden hamster (Weakley) 100, 503-34
 development, different stages, quantitative study, rats and monkey (Green, Mandl & Zuckerman) 85, 325-9
 growth, and of ovum, human, quantitative study (Green & Zuckerman) 85, 373-5
 multiovular, in young human (Bacsich) 80, 243-4, *P.*
 in ferret (Mainland) 62, 139-58
 granulosa cells, hen (Wyburn *et al.*) 99, 933-4, *P.*
 occurrence (Kennedy) 58, 328-34 (*dog, cat, rabbit, guinea-pig, fowl*)
 ripe, suggested mode of rupture (Thomson) 54, 1-40
 vesicular, (Slavjansky) 5, 379, *rep.*
 zona radiata, ultrastructure, fowl (Wyburn *et al.*) 99, 469-84
 hair, and hairs, curved, of Negro (Stuart) 16, 362-3
 and hair, electron microscopy (Rogers) 90, 569 (*man, mouse, rabbit, sheep*)
 formation of hair germ in (Montagna) 90, 575-6, *P.*
 innervation, extrinsic (Dixon) 91, 587, *P. (cat, monkey, rabbit, rat)*
 Langerhans cells, distribution, staining properties with gold chloride (Breathnach) 97, 73-80
 metachromasia (Singh & McKenzie) 96, 317-20
 number, size and distribution in rabbit ear (Weddell & Pallie) 89, 175-88
 in Tasmanian aborigine (Plomley & Baldwin) 98, 493-4, *P.A.S.A.N.Z.*
see also Skin, appendages
- Fontanelle**, anterior, ossicles in, 10,000 human crania and mammalian skulls (Gruber) 8, 386, *rep.*
 ossification (Gruber) 10, 440, *rep.*
 sutural bones in, 2 cases (Barclay-Smith) 44, 312-14
 metopic, cranium showing (Patten) 46, 33-5 (*chimpanzee*)
- Food** (Letheby) 4, 323, *rep.*
 constituents, relation to muscular work (Donders), 1, 181-2, *abs.*
 and dietetics (Pavy) 9, 233, *rep.*
 influence on consumption of oxygen and excretion of CO₂ in man (Speck) 9, 423, *rep.*
 nutritive value (Panum) 1, 182, *abs.*
 solvents, (Farr) 6, 460, *rep.*
- Foot, feet**, *Bailliere's Synthetic anatomy*, part VI, the foot (Cheesman) 64, 537, *rep.*
The human foot, its form and structure, functions and clothing (Ellis) 1889. 24, 614, *rev.*
Radiographic atlas of skeletal development of the foot and ankle, A standard of reference (Hoerr, Pyle & Francis) 1962. 96, 543, *rev.*
 anatomy (Hancock) 1, 187-8; (Humphry) 1, 187-8
 arches, *see* Arches of foot
 artificial deformity (Welcker) 5, 376, *rep.*
 (foot-binding) bony specimen, Chinese woman (Jebens) 71, 150, *P.*
 of chimpanzee (Humphry) 1, 254-68
 congenital malformation (Gruber) 8, 160-1, *rep.*; (Wagstaffe) 7, 156-60; 42, 138, *rep.*
 and of hands (Manson) 58, 250-3
 of bones, joints, and muscles, bilateral (Brown) 15, 448-51, *anat. not.*
 gigantism, 43, 124, *rep.*
 evolution, joints (Elftman & Manter) 70, 56-67
 flat, *see* Flat-foot
 as a half-dome (McKenzie) 88, 558, *P.*
 hind, of *Youngina*, and fifth metatarsal in reptilia (Goodrich) 76, 308-12
 of horse (Arloing) 2, 402, *rep.*
 bones, horse, development (Struthers) 28, 51-62
 inversion and eversion (Inkster) 72, 612-13, *P.*
 Kuk-Koba Neanderthal (Lisowski) 99, 938, *P. (dem.)*
 mechanics I. The joints (Hicks) 87, 345-57; II. The plantar aponeurosis and the arch, 88, 25-30
 nerves cutaneous (Kosinski) 60, 274-97
 pentadactylous pes in Dorking fowl, with reference to hallux (Cowper) 20, 593-5
 pedal, position of backrest and force exerted on (Rees & Graham) 86, 310-19
 polydactylism, *see* Polydactylism
 praehallux and postnuminus remains in (von Bardeleben) 29, 467-8, *rep.*
 pronated, incidence, children and young adults (Barnett) 99, 947, *P.A.S.A.N.Z.*
 septadigitate in man (Harrower) 60, 106-9
 skeleton, in Dorking fowl (Howes & Hill) 26, 395-403
 skin plantar creases, in man and anthropoid apes (Heppburn) 27, 112-30
 sole, medial aspect, muscles and tendons (Martin) 95, 619, *P.*
 muscles and tendons of medial aspect (Martin) 98, 437-53
 stability whilst standing (Whitney) 96, 103-111
 x-rays, photographs and footprints in adult (Lockhart) 71, 160, *P. (dem.)*
see also Macropodia
- Footprint**, comparative study of the foot and tread index (Harrower) 58, 285-98
 instantaneous production (Barnett) 88, 574, *P.*
Footwear, effect of human hallux (Barnett) 96, 489-94

Subject Index

- Foramen, foramina**, cerebral, interventricular, developmental changes (Sharp) 82, 642, *P. (man, pig, rat, rabbit)*
- emissary, in man and anthropoids (Boyd) 65, 108-21
- Primate skull (Boyd) 69, 113-17
- epicondylar and epitrochlear (humerus) (Perrin) 6, 433-4, *rep.*
- of Luschka, *see* Apertures, lateral of fourth ventricle of the brain
- magnum, variations in the region (Harrower) 57, 179-92
- of Magendie, *see* Aperture, median, of fourth ventricle
- mandibular and mental, and mandibular canal, features (Gabriel) 92, 580-6
- mastoid, large (Meyer) 48, 142
- mental, direction in relation to growth of mandible (Warwick) 84, 116-20; 84, 72, *P.*
- and mandibular, and mandibular canal, features (Gabriel) 92, 580-6
- variations (Gruber) 8, 159, *rep.*
- nutrient, of longer bones (Evatt) 61, 511-12, *P.*; (Hughes) 84, 68, *P.*
- in long bones of limbs (Hughes) 84, 68, *P.*
- position in madder fed pig (Payton) 68, 500-10
- ovale, of heart, closure, and postnatal changes of ventricles (Keen) 77, 104-9, *anat. not.*
- patent, with congenital stenosis of pulmonary valve, male 72 years (Morison) 52, 251-5
- variations, sheep (Rowland) 28, 309-12
- formation in human heart (Odgers) 69, 412-22; 70, 192, *P. (dem. & disc.)*
- incidence of patency, 61/188 subjects (Committee of Collective Investigation) 32, 165-72
- patent with one adult case, 38, 367, *rep.*
- and ductus arteriosus in lion cub (Franklin) 80, 209
- and patent ductus arteriosus, case in mature sheep (Beattie & Morton) 73, 662-3, *anat. not.*
- incidence of 306 cases (Fawcett) 35, 67-70
- and left moderator band in heart of a sheep (McClelland) 32, 779
- relationship of maxillary nerve to an emissary sinus passing through (Henderson) 100, 905
- valve (Humphry) 3, 80
- movements (Franklin, Barclay, Barron & Barcroft) 72, 671, *P. (foetal sheep)*
- parietal (Wrany), 1, 152-3, *rep.*
- abnormal width (Simon) 7, 167, *rep.*
- enlarged (Stibbe) 63, 277-8, *anat. not.*; (Stibbe) 63, 162, *P. (t.o.)*
- with metopism and irregular synostosis of coronal suture (Stallworthy) 67, 168-74
- congenitally, 2 cases (Cave) 63, 172-4, *P.*
- familial, 1 skull (Symmers) 29, 329-30
- primum, persistent, nature and clinical physiology (Blackall-Morison) 54, 90-5
- of Serrano, *see* Foramen, subjugular
- sub-jugular, 1/586 occipital bones (Tavares) 61, 512, *P.*
- supra-adhesion (Reid) 48, 432-44
- supracondylar (Dwight) 39, 507, *rep.*
- transverse in fifth lumbar vertebrae, 37, 306, *rep.*
- processes (Parsons) 36, xxv, *P.*
- Forearm**, congenital malformation, 35, 508, *rep.*; 44, 106, *rep.*
- absence, partial, unilateral, of ulna (Southwood) 61, 346-51
- amputation, intrauterine, 38, 370, *rep.*
- and hand, absence (Savage) 35, xix, *P.*
- multiple abnormalities, 38, 371, *rep.*
- right, absence, and right femur (Barwell) 34, 421, *rep.*
- movements, in tetrapods (Haines) 80, 1-11
- pronation and supination (Welcker) 10, 442-3, *rep.*
- see also* Limb(s), upper
- Forebrain**, *Untersuchungen über die Vergleichende Anatomie des Gehirns*. (Edinger) 1st part, *Das Vorderhirn*, 1888; 2nd part, *Das Zwischenhirn*, Heft I, 1892, 27, 200, *rev.* (fish, amphibia, reptiles)
- forebrain, *Evolution of the forebrain* (Schepers) 1948, 83, 386-7, *rev.*
- cell masses, in *Sphenodon punctatum* (Durward) 65, 8-44
- cholinesterase localization, rat (Lewis & Shute) 93, 584, *P.*
- connexions, olfactory and thalamic, reptilian (Goldby) 71, 151, *P. (t.o.)*
- developing, acetylcholinesterase in (Krnjević and Silver) 100, 63-89 (*cat*)
- mouse, Golgi observations, (Valverde) 97, 157-80
- projection on pons and cerebellum (Abbie) 69, 144, *P. (mammals)*
- radiations, cholinergic corticopetal (Shute & Lewis) 97, 476-7, *P.*; 97, 480, *dem. (rat)*
- Foregut**, presumptive, area in chick blastoderm (Bellairs) 85, 429, *P.*
- Form**, *On growth and form* (Thompson) abridged edition by J. T. Bonner, 1961, 96, 307, *rev.*
- organic, *Organic form and related biological problems* (Holmes) 1948, 82, 271-2, *rev.*
- Formaldehyde**, preservation of organs in (Keith) 30, xi-xii, *P.*
- and pH, effects on catecholamines and chromaffin granules (Hopwood & Coupland) 100, 426-7, *P. (ox)*
- Formalin**, effects on digestive tube (Waterston) 44, iii, *P. (t.o.)*
- hardening, effects on stomach and intestines (Waterston) 45, 16-19
- Formation**, hippocampal, *see* Hippocampal formation
- reticular, *The reticular formation of the brain stem* (Brodal) 1957, 92, 167-8, *rev.*
- of brain stem of cat, connexions with tectum (Pearce & Glee) 91, 572, *P.*
- Formic ether**, *see* Ethyl formate
- Formosa**, *Über den Atlas und Epistropheus bei den eingeborenen Formosarnern* (Tsuasaki) *Folia anatomica japonica*, 1924, 11, 221-46; 59, 448, *rev.*
- Formulae**, Lee-Pearson, cranial capacity (Hamilton) 78, 200-3
- Fornix**, experimental study, rabbit (Sprague & Meyer) 84, 345-68
- Fornix**, of brain, lesions, retrograde cell degeneration following (Daitz & Powell) 87, 456, *P. (rat, rabbit, macaque monkey)*
- fibre degeneration following lesions of (Powell & Cowan) 89, 563-4, *P.*
- mamillo-thalamic system, *see* Systems
- morphology (Smith) part I, 30, 157-67; part II, 30, 185-205; note, 30, 450 (*rabbit, pig, dog, guinea-pig, sheep, rat, man*)
- and margin of cerebral cortex (Smith) 31, xxxiv, *P. (t.o.)*
- of *Nyctophilus timoriensis* (Elliot Smith) 32, 231-46
- post-commissural, degeneration in, considered with peduncle, mamillary (Guillery) 90, 350-70 (*rat*)
- non-mamillary fibres, rat (Guillery) 90, 565, *P. (rat)*
- quantitative study (Powell, Guillery & Cowan) 91, 419-37 (*cat, man, monkey, rabbit, rat*)
- relation to cerebral cortex (Smith) 32, 23-58 (*comparative*); 32, xxi, *P. (t.o.)*
- relation to lamina terminalis, 45, 211-24
- superior (Smith) 31, 80-94

Subject Index

- Fossa**, cranial, middle, anatomy, applied (Lockhart) 70, 189, *P.*
 model (Lockhart) 61, 516, *P. (dem. only)*
hypophyseal, certain skull measurements (Fitzgerald) 44, 231-3
 of gnathostome fish, also myodome and trigeminal facialis chamber (Allis) 63, 95-141
 growth, radiology (Acheson & Archer) 93, 52-67
 shallow, with osseous tumour (Duckworth) 45, 140-3
 variations (Fitzgerald) 44, iii, *P. (t.o.)*
hypotrochanteric, and accessory adductor groove, primate femur (Appleton) 56, 295-306
olecranon, perforation, in Libyans, 390/682 specimens (Macalister) 35, 121-2, *anat. not.*
ovalis, variations (Griffith) 33, 502, *anat. not.*
peritoneal, duodenal-jejunal, formation and superior duodenal recess (Meyer) 48, 131
 nature (Moynihan) 33, 354 *(ref. only)*
pituitary, *see*, Fossa hypophyseal
retro-colic, *see* Recess, retrocaecal of peritoneum
temporal (Corner) 30, 377-85; 30, ix, *P. (100 human skulls)*
- Fossils**, bones of Miocene Primates discovered in Kenya (Hopwood) 67, 207, *P. (t.o.)*
 bones, human, from Egypt (Derry) 59, 70-1, *S.P.*
 brain, animal, *Die Fossilen Gehirne* (Eninger) 1929, reprinted from *Ergeb. Anatomie Entwicklungsges.* 1929, Bd xxviii, Abth. III. 64, 254-6, *rev.*
 casts, endocranial, neopallial morphology (Boule & Anthony) 51, 95-102
 of fish (Traquair) 9, 406, *rep.*
History of the primates (Le Gros Clark) 1949. 84, 324, *rev.*
see also Remains
- Foundation**, of Anatomical Society of Great Britain and Ireland, 21, 681-2
- Fourchette**, anatomy (Fourchette) 30, 283-8; 30, ii, *P.*
- Fovea centralis**, of the retina (Hulke) 1, 149-50, *rep.*
- Fowl**, buds, limb, development early (von Weel) 82, 49-57
 domestic, oviduct, histology (Bradley) 62, 339-45
 valve, renal portal, innervation (Gilbert) 95, 594-8
 skull (Parker) 5, 192, *rep.*
 uterus, fine structure (Johnston *et al.*) 97, 333-44
 Dorking, foot skeleton, hexadactylism and phalangeal variations in (Howes & Hill) 26, 395-403
 paired oviducts in (Crew) 66, 100-3
The structure of the fowl (Charnock Bradley) 2nd ed. 1938. 72, 637, *rev.*
 vocal function of articulation in tongue (Hollis) 35, 413-15
see also Chick, *Gallus domesticus*
- Fox**, skeleton (Kinberg) 4, 332, *n.*
see also *Vulpes vulgaris*
- Fracture(s)**, dissection of ununited fracture of left patella (Sutherland) 19, 225-6, *anat. not.*
 femur, base of neck and internal architecture (Thompson) 42, 60-8
 gap (Mulholland & Pritchard) 93, 590, *P.*
 haematoma, fate (Scott & Pritchard) 94, 286, *P.*
 multiple, long bones, 'fragilitas ossium', Patas monkey (Morton) 92, 662, *P.*
 repair, in aged (Humphry) 19, 115-18
 histology, man (Smith) 16, 153-91
 in *Lacerta vivipara* (Pritchard & Ruzicka) 84, 69, *P.*
 comparison in frog, lizard and rat (Pritchard & Ruzicka) 84, 236-61
 spontaneous, anthropoid apes (Duckworth) 46, 81-5
- Stress and strain. Their relation to fractures and osteogenesis* (Evans) 1957. 92, 169-70, *rev.*
 treatment (Lane) 33, 500 *(ref. only)*
- Fragilitas ossium**, in Patas monkey (Morton) 92, 662, *P.*
- Freckle(s)**, extension, associated with stretching of scar (Breathnach) 92, 659, *P.*
 melanocytes, effect of dilute copper sulphate on tyrosinase reaction (Breathnach) 92, 635, *P.*
 melanocyte distribution, in human forearm (Breathnach) 91, 592, *P.*
see also Melanocytes
- Freemartin(s)** (Low) 81, 386-7, *P.*
 bovine (Roberts & Greenwood) 63, 87-94
 sheep (Roberts & Greenwood) 63, 87-94 (1 case)
 twins, goat (Rickards & Wood Jones) 52, 265-75
see also Hermaphroditism
- Freeze-substitution**, in cytology and cytochemistry (Hancox) 91, 614, *P.*
- Freezing**, effects on cold-blooded animals (Döhnoff) 8, 430, *rep.*
- Fregilupus** various, skeleton (Murie) 9, 405, *rep.*
- Frenulum**, of valve, ileocaecal (Rutherford) 60, 411-15
- Frog(s)**, effects of cold upon (Horvath) 7, 358, *rep.*
 hermaphroditism (apparent) 4 specimens (Marshall) 18, 121-44
 limb, supernumerary (Gemmill) 40, 387-95
 metatarsals 4 & 5, bony fusion (Mudge) 34, iii-iv, *P.*
 November 1899
 nerve-endings in the muscles (Kulchitsky) 59, 1-17
 spasm-centre (Krampf-centrum) (Heubel) 9, 411-12, *rep.*
see also, Batrachia, *Rana palustris*, *Rana temporaria*, *Xenopus laevis*
- Frontal bone**, development (Jhering) 8, 159, *rep.*
 dimensions, intertemporal and interangular (Cameron) 69, 226-32
 ossification, and its pre- and post-frontal elements (Inman & Saunders) 71, 383-94
- Fuegians**, physical anthropology of (Martin) in *Arch für Anthropologie*, Bd. xxii, Heft 3, 1893. 29, 141-4, *rev.*
- Function**, morphology of lower limbs in relation to, in Punjabis (Charles) 28, 1-18
- Fundulus heteroclitus**, eggs, effects of various solutions on, 43, 115, *rep.*
- Fungi**, alkaloids (Schiff) 11, 570, *rep.*
 growth (Greenfield) 25, ii, *P. (SMS) (t.o.)*
 parasitic on plants, and human diseases caused by them (Grawitz) 12, 496-501, *abs.*
- Fusion**, atlanto-occipital, 1 case (Green) 65, 140-4
 line, *see* Line, epiphyseal
- Gait**, effect of removal of calf muscles on, rabbit (Stewart) 73, 617-25; 73, 668, *P. (disc. only)*
 variations from normal after muscle section, rabbit (Stewart) 72, 101-8
- β-Galactosidase** activity in vagal ganglia following cervical vagotomy (Fisher & Sutherland) 99, 585-93 (monkey)
- Galagidae**, hind limb, osteometric study (Hall-Craggs) 99, 119-26
- Galago** (bush baby) cortex, motor, in (Zuckerman & Fulton) 75, 447-56
- Galago crassicaudatus**, *see* Galagidae
- Galago moholi**, non-cortical telencephalic centres (Daitz) 85, 423-4, *P.*
- Galago senegalensis senegalensis** (Lesser Bush Baby) areas, cortical (Kanagasuntheram *et al.*) 100, 317-33
- blastocyst, early (Butler) 93, 257-61

Subject Index

- Galago senegalensis senegalensis*, (cont.)
 carotid rete (Kanagasuntheram & Krishnamurti) 99, 861-75
 endoderm, 'mesenchymatous' (Butler) 94, 578, P.
 jumping, muscle tension relationships in (Hall-Craggs) 100, 699-700, P. (dem.)
 implantation, early (Butler) 92, 665, P.
 nervous system (Kanagasuntheram & Mahran) 94, 512-27
 trophoblast, giant cell (Butler) 94, 578, P.
 see also Galagidae
- Galeopithecus* (order *Dermoptera*, *Cynocephalus*) dentition skeleton and skull (Mivart) 2, 133-6
 genitalia (Wood Jones) 50, 189-203, 50, 19-20, P. (June 1915)
- Galera barbata*, myology (Macalister) 9, 405, rep.
- Galeus* (shark), carotid artery (Burne) 59, 103-4, S.P.
- Gallamine triethiodide** changes in motor neurones after administering (Ahmed & McKenzie) 97, 309, P.
- Gall-bladder**, absence, congenital (Latham) 32, xxxix, P.; 44, 104, rep. (Lockhart) 62, 105-7; 61, 516, P. (dem. only)
 anatomy, comparative, and physiology of (Macalister) 2, 172, rep.
 topographical (Addison) 35, 294
 and bile ducts, anatomy, topographical and applied (M'Connell) 49, 286-304
 congenital dilatation, 1 case, 38, 369, rep.
 relations between (Keith) 35, xii-xiii, P.
 developing, epithelial cell damage and white cell infiltration, electron microscopy, rabbit (Hayward) 99, 932-3, P.
 'double', 1 subject (Wakeley) 61, 489, P.
 epithelialization of mucosal lesions of, cat (McMinn & Johnson) 578-9, P.
 epithelium, developing, electron microscopy, rabbit (Hayward) 100, 245-59
 structure, fine (Hayward) 96, 227-36
 ultrastructure, dog (Johnson, McMinn & Birchenough) 96, 477-87
 histology and alkaline phosphatase (Jacoby & Martin) 85, 391-400 (rabbit, dog, guinea-pig)
 innervation, intrinsic, *Macaca rhesus* and *Cavia porcellus* (Sutherland) 100, 261-8
 nerve plexuses (Sutherland) 97, 311, P. (monkey, guinea-pig)
 position (Cantlie) 31, xxxviii, P. (t.o.); (Carmichael) 37, 70-2
 rudimentary, and bile-ducts, absent, 43, 122, rep.
 triplicate, cat (Meyer) 48, 163
 wall, *Das Problem der Stippchengallenblase* (Grosse) 1961. 96, 134, rev.
- Gallus domesticus*, *Atlas of avian hematology* (Lucas & Jamroz) Agriculture monograph 25, 1961. 96, 305, rev.
 bones, long, longitudinal growth (Lufti) 100, 927, P.
 gland, nasal, structure and function (McLelland & Moorhouse) 99, 411, P.
 hexadactylism in (Cowper) 23, 242-8
 laryngeal cartilages and muscles (King & Roberts) 99, 410-11, P.
 lung, secondary bronchi (Payne & King) 94, 292-3, P.
 vestibule, absence (Payne & King) 93, 577, P.
 maximum capacities of and of air sacs (King & Payne) 96, 495-503
 pentadactylous pes in a variety of (Dorking fowl), with reference to the hallux (Cowper) 20, 593-5
 renal portal system, radiography (Akester) 98, 365-76
 respiration through humerus observations (Biggs & King) 89, 567-8, P.
 respiratory pathway, comparative anatomy (Akester) 94, 487-505
 tectum, optic, correlation of the electrical response with histological structure (Cragg, Evans & Hamlyn) 88, 292-306
 trachea, rings and muscles (McLelland) 99, 651-6
 tract, reproductive (Lake) 91, 116-29
 zona radiata of ovarian follicle, ultrastructure (Wyburn et al.) 99, 460-84
 see also Chick, Fowl
- Galvanism**, action on acoustic [auditory] nerve (Blake) 8, 400, rep.
 action on blood (Fraser) 2, 179, rep.
 action on eye, (Schliephake) 8, 400, rep.
 irritation in muscular fibre caused by opening and closing of current (Engelmann) 2, 435-6
 as a means of introducing fluids into uninjured living organisms 9, 248, rep.
- Ganglion, ganglia**, abdominal, major, and splanchnic nerves, horse (Dyce) 92, 62-73
 acoustic, origin, sheep (Batten) 92, 660-1, P.
 acousticofacial, cautery experiments on development, *Lampetra* (Fisk) 91, 568, P.
 development, early, lamprey (Fisk) 87, 446, P.
 autonomic, cardiac, cholinesterase activity, ontogenesis, man, rat, rabbit, guinea-pig (Navaratnam) 99, 459-67
 cholinesterase activity, histochemistry, mammals inc. man (Naik & Cauna) 95, 290, P.
 basal, see Nuclei, basal
 of blood supply and of spinal nerves (Tonkoff) 33, 503, anat. not.
 cardiac (Schmiedeberg) 6, 227, rep.
 carotid plexus, internal (Gellert), 68, 318-22
 cervical, see Ganglion, sympathetic, cervical
 ciliary, nature of nerve cells in (Warwick) 87, 451, P.
 coeliac, and splanchnic nerves (Bidder) 4, 304, rep.
 compound, origin and composition of bodies (Beatson) 13, 449-53
 cranial and spinal, sympathetic elements in (Kiss) 66, 488-98
 dorsal root, blood supply (Tonkoff) 33, 503, anat. not.
 nucleic acids, in developing chick (Hughes) 88, 565, P.
 and ventral horn, development, factors controlling, *Xenopus laevis* (Daud.) (Hughes & Tschumi) 92, 498-527
 Gasserian, see Ganglion, trigeminal
 hypoglossal, multiple in calf (Wilson) 59, 345-9
 intermédiaire, blood supply (Patterson) 84, 329-41; 84, 406, P.
 intra-cardiac, topography rat, (Meiklejohn) 48, 378-90
 intramural, origin, I. The early arrival of precursor cells in the presumptive gut of chick embryos (Andrew) 98, 421-8
 intrathoracic (Appleton) 69, 140, P. (t.o.)
 limb, de-afferentation, effects in developing Anura (Hughes) 99, 924-5, P.
 long sensory root, according to Cloquet (Smith) 28, 408-10
 mesenteric inferior (Southam) 93, 304-8
 optic, fine structure of nerve cells, rabbit (Dixon) 100, 926, P.
 pelvic, autonomic supply (Calabrisi) 88, 569, P.
 peripheral, cell multiplication (Kiss) 81, 380, P.
 posterior root, (Davies, Blair & Bacsich) 70, 201, P. (disc. only)
 semilunar, see Ganglion, trigeminal
 spinal, anatomy, comparative (Kiss) 68, 131-2, P.
 and cranial, sympathetic elements in (Kiss) 66, 488-98
 nerve cells (Blair, Bacsich & Davies) 70, 1-9 (cat)

Subject Index

- Ganglion, spinal, nerve** (*cont.*)
 sympathetic (so-called) (Fisher & Ranson) 68, 1-10 (*cat*)
 and nerve fibres (McCarthy) 10, 446, *rep.*
 structure (Schwalbe) 3, 199, *rep.* (*vertebrates*)
 splanchnic, notes (Cunningham) 9, 303-5
 stellate, arterial supply (Patterson) 87, 219-27; 86, 492-3, *P.*
 of the sympathetic nervous system, 8, 392, *rep.*
 effects of extirpation of, on iris (Vulpian) 8, 399, *rep.* (*dog*)
 cervical, (Axford) 62, 301-18
 distribution (Cunningham) 7, 94-7
 superior, chromatolytic studies, rabbit (Samuel) 86, 473, *P.*
 changes after pre- and post-ganglionic symp-
 athectomy (Barton) 91, 602-3, *P.* (*rabbit*)
 cranial fibres arising from (Langley) 33, 352
 (*ref. only*)
 electron microscopy (Barton & Causey) 92, 399-407 (*rabbit*)
 effect of extirpation on movement of the iris
 (Vulpian) 9, 214, *rep.* (*dog*)
 and middle, blood supply (Patterson) 84, 329-
 41; 84, 406, *P.*
 sweating disturbances and distribution, after
 extirpation of (Guttmann) 74, 537-49
 thoracic (Harman) 34, 359-80
 lumbar, intermediate, connexions of (Monro) 85,
 417-18, *P.*
 in foetus (Boyd) 84, 401, *P.*
 first thoracic, extirpation of (Carville & Rochefont-
 aine) 9, 213-14, *rep.* (*dog*)
 histochemical reactions (Mytilineou *et al.*) 97,
 533-42
 trigeminal, dural relations (Lockhart) 62, 105-7
 senility changes, cytological, mouse (Andrew) 75,
 406-18
 vagal, cytochemistry, after cervical vagotomy (Fisher
 & Sutherland) 99, 585-93 (*monkey*)
 inferior, acid phosphatase activity (Fisher) 99, 925,
P. (*monkey*)
 (nodose) inferior, esterase activity, rat (Fisher) 98,
 465, *P.*
- Ganglionectomy**, bilateral superior cervical, oestrus,
 light-induced, rate of appearance in relation to
 light intensity, ferrets (Marshall & Thomson)
 91, 600, *P.*
- Gannet**, *see Sula bassana*, L.
- Gas(es)** in lymph of dog (Hammersten) 7, 189, *rep.*
 in pleural and peritoneal transudates (Ewald) 9, 227-8,
rep.
 marsh, expiration in calves fed on grass (Reiset) 3, 229,
rep.
see also, Blood, gases, etc.
- Gasterosteus aculeatus**, structure and growth of ovarian
 ovum (Ransom) 2, 176, *rep.*
see also Teleostei
- Gasterosteus leiurus** *see Gasterosteus aculeatus*
- Gastro-intestinal movements**, *see* Movements, gastro-
 intestinal and intestinal
- Gastrulation**, of double trout embryos, 37, 304, *rep.*
- Geckonid**, *see Sphaerodactylus*
- Gegenbauer, C.**, Erection of bust, 39, v, *P.*
- Gelatine**, nutritive value (Voit) 7, 350, *rep.*
 plates for spectroscopy (Lommel) 6, 471, *rep.*
- Gelatin-mass**, injection, apparatus (Bolam) 29, 230-
 3
- Gelenkketten**, *see* Joint-series
- Gelsemium sempervirens**, action (Bartholow) 5, 204,
rep. (*cold- & warm-blooded animals*)
- Generative System** *see* Organs, reproductive
- Genes, Organizers and genes** (Waddington) 1940, 75,
 141-2, *rev.*
- Genetics, Human genetics** (Gates) 2 vols., 1946, 81, 200,
rev.
Genetical variation in human populations (edited by
 Harrison) vol. IV of the Symposia of the
 Society for the Study of Human Biology, 1961,
 96, 306-7, *rev.*
Genetic basis of morphological variation (Osborne & de
 George) 1960, 94, 568-9, *P.*
 of spermatozoan head shape, mouse (Illison) 99,
 950-1, *P.A.S.A.N.Z.*
- Genius**, hereditary (Galton) 7, 339, *rep.*
- Genu valgum**, anatomy (Owen) 13, 83-5
 bilateral, dissection of a case (Symington) 31, 465-8,
abs.
 pathology (Humphry) 24, 593-7
- Geococcyx californianus** (bird) skeleton (Shufeldt) 20,
 244-66
 young, tibio-tarsus (Shufeldt) 21, 101-2
- Gephyraea**, development (Schneider) 4, 161, *rep.*
- Gerbillus** (Jerboa), primordial cranium (Fawcett) 63,
 159, *P.*
- Germ**, dental, condensations of mesoderm in vicinity
 (Tonge) 85, 418, *P.*
 development (Bolk) 55, 152-86
 on chick chorio-allantois (grafts from rats mice
 and hamsters) (Glasstone) 88, 392-9
 in maxilla and mandible (Charles) 74, 559, *P.*
 (*t.o.*)
in vitro (Glasstone) 70, 260-6 (*rat embryos*)
 experimental embryology (Glasstone) 86, 12-15
 (*rabbit*)
 growth, 'recruitment' as a factor (Ten Cate) 92,
 637, *P.*
 innervation, (Fearnhead) 95, 455, *P.*
 hair, formation in hair follicle (Montagna) 90, 575-6, *P.*
- Germ-cells, Raji batis** (skate) part I. (Beard) 38, 82-
 102; part I contd., 38, 205-32; part I contd.,
 38, 342-59
- Germination**, action of nitrogen protoxide on (Jolyet &
 Blanche) 8, 409, *rep.*
- Gerontology, The biology of senescence** (Comfort) 1956,
 91, 147-8, *rev.*
see also Ageing; Senility
- Geselmia**, physiological action (Ott) 10, 654, *rep.*
- Gestation**, mode of *Arius Boakei* (Turner) 1, 78-82
- Giacomini's method**, of preservation of the brain
 (Osler) 14, 144
- Giants**, 40, 292, *rep.*
Études biologiques sur les géants (Launois & Roy) 1904,
 39, 369, *rev.*
 Patrick Cotter, the Irish giant, some details (Fawcett)
 44, iii, *P.* (*t.o.*)
 skeleton (Cunningham) 25, ix-x, *P.*
 Wilkins, postmortem report, 38, 262, *rep.*
- Gibbon**, *see Hylobates: Hylobates hainanus: Hylobate
 leucis; Hylobatinae*
- Gigantism**, 42, 138, *rep.*
 and acromegaly, 38, 362, *rep.*
- Gills**, external, *Die Auseren Kiemen der Wirbeltiere*
 (Clemens) 1894, 29, 334, *rev.*
- Giornale per la morfologia dell' Uomo e dei Primati**, vol. 1,
 part I, 1917, 51, 400, *rev.*
- Giraffe**, structural mechanism of carotid (Franklin &
 Haynes) 62, 115-17
- Girdle**, pectoral and pelvic, embryo, human, 16 mm.
 (Jenkins) 43, v, *P.* (November 1907) (*t.o.*)
 pelvic, and shoulder girdle, correspondence between
 (Flower) 4, 239-45 (*mammals*)
 of *Selachia*, *Crocodylia* and *mammals* (Wieder-
 sheim) 1892, 26, 576, *rev.*

Subject Index

Girdle, (cont.)

- shoulder**, *A monograph on the structure and development of the shoulder-girdle and sternum in the vertebrata* (Parker) 1868. 2, 374-81 rev.
of birds (Young) 6, 76-81
of Dipnoans and other fish, (Gill) 7, 338, rep.
evolution, and of forelimb, tetrapod (Watson) 52, 1-63
movements of, involved with arm (Cathcart) 18, 211-18; (Cleland) 18, 275-8
of reptiles, dicynodontoid (Howes) 26, 403-5
& muscles, compared with pelvic bones and muscles (Humphry) 5, 67-88 (*comp. anatomy*)
and pelvic-girdle, correspondence between (Flower) 4, 239-45 (*mammals*)
of *Selachia*, *Crocodylia* and mammals (Wiedersheim) 1892. 26, 576, rev.
variation, functional, primate (Ashton & Oxnard) 96, 415, P.
Gizzard, gland cells, fine structure, domestic fowl (Toner) 98, 77-86
mechanism in birds (Garrod) 7, 337, rep.
Glanders, chronic, bones, in man (Sharp) 29, 492-3
Gland(s) activity, human foetus (Lucas Keene & Hewer) 59, 104, S.P.
adrenal, see Glands, suprarenal
anal, intramuscular, description and of perianal fascia, (Walls) 97, 471, P.
of bile and pancreatic ducts, autoradiography and histochemistry (McMinn & Kugler) 95, 1-11 (*animal studies*)
Brunner (Costa) 8, 205, rep. (*horse*)
action (Krolow) 8, 205, rep.
electron microscopy & histochemistry, guinea-pig (Cochrane *et al.*) 98, 1-10; 97, 472-3, P.
enzymes (Grützner) 11, 561-2, rep.
histochemistry, electron microscopy, guinea-pig (Cochrane *et al.*) 98, 1-10; (Davies *et al.*) 97, 472-3, P.
bulbo-urethral, development, and of seminal vesicles and prostate gland, ram (Aitken) 93, 43-51
effect of male and female sex hormones on, rhesus monkey (Aykroyd & Zuckerman) 73, 135-44
ceruminous, of *Dasyurus maculatus*, exhibitions of specimens (Burne) 44, i, P. (*dem.*)
cholinesterase activity distribution and autonomic nerve supply in (Cauna & Naik) 95, 602-3, P. (*mammals inc. man*)
choroidal, structure and function, teleosts (Barnett) 85, 113-19
ciliary (Buchanan) 31, 262-7
coagulating, changes, postnatal, histology, rat (Clegg) 93, 361-7; 92, 674, P.
contractile, of skin of frog (Engelmann) 5, 406, rep.
Cowper's, structure (Langerhans) 9, 207, rep.
homology in spermophile (*Citellus tridecemlineatus*) (Siddiqi) 72, 109-15
cutaneous, (Woollard) 65, 169-70, P.
Aborigine, Australian (Woollard) 64, 415-21
histology, hippopotamus (Allbrook, Luck & Wright) 93, 587-8, P.
see also Glands, sebaceous, sweat
ductless, *Physiologie der inneren sekretion* (Asher) 1935. 71, 420, rev.
and precocity, 43, 116, rep.
endocrine, *The histology of the more important human endocrine organs at various ages* (Cooper) 1925. 62, 518, rev.
effect of oestradiol monobenzoate on, in lactating rats (Bascich & Folley) 73, 432-40
origin, vertebrate, from study of ammocoetes (Gaskell) 37, 168-219

- fundic**, secretion (Heidenhain) 13, 411, rep.
gastric, distribution, exact, man and certain animals (Miyagawa) 55, 56-67
mammalian, and stomach of South African insectivora (Allison) 82, 249-61
genital, accessory, histochemistry, boar (Aitken) 94, 130-42
see also Vesicle, seminal, Gland, bulbo-urethral, Gland, prostate
haemolymph, functions, considered with spleen (Lewis) 38, 144-57
in mammals and birds (Lewis) 38, 312-24
structure and function (Drummond) 34, 198-222
of vertebrates (Vincent & Harrison) 31, 176-98
Harderian, development in *Crocodylus porosus* (Meek) 27, 151-60
of the head, of ophidians (Leydig) 8, 177, rep.
Heidenhain stain for (Stirling) 24, 606-7
'hibernating', of *Erinaceus europus* (Carlier) 27, 508-18
chemical studies, and changes during hibernation (Carlier & Lovatt Evans) 38, 15-31 (*hedgehog*)
interscapular, (Bonnot) 43, 43-58 (*man, dog, cat, pig, rabbit, squirrel, rat, marmot*)
intestinal, see Glands, Brunner and Lieberkühn
intra-orbital, cholinesterases in, histochemical and quantitative study, domestic duck (Fourman & Ballantyne) 100, 702-4, P. (*dem.*)
lacrimal, hedgehog (Hurst) 55, 49-55
innervation (Wolferz) 6, 472, rep.; (MacDonald & Beattie) 67, 203-4, P.
moistening function in respiration (Bergeon) 6, 235, rep.
lacrimal, nervous control secretion of (Herzenstein) 2, 413-14, rep.
results of stimulation of secretomotor nerves (Dementschenko) 7, 356, rep. (*dog, cat, rabbit*)
secretory mechanism (Beattie) 66, 148, P.
structure (Boll) 3, 202, rep.
Lieberkühn (Costa) 8, 205, rep. (*horse, dog*)
lymph, see Lymph glands
mammary, *Handbuch der mikroskopischen Anatomie des Menschen*, Band 111, Teil 3, Die Haut. Die Milchdrüse (Horstman & Dabelow) 1957. 92, 490, rev.
The origin of milk glands: the mammary apparatus of the mammalia, in the light of ontogenesis and phylogenesis (Bresslau) 1920. 56, 55, rev.
Contributions to the physiology and pathology of the breast and its lymphatic glands (Creighton) 1878. 13, 118-21, rev.
in axilla, (Gladstone) 64, 239-46; 63, 162, P. (*t.o.*)
axillary tumour of (Cameron) 13, 149-53 (3 cases)
cancer, scirrhus invasive properties (Creighton) 14, 29-49
carcinoma, infiltrating (Barling) 17, 339-40
cells, interstitial, histology (Tuma) 61, 491, P.; demonstration, 61, 514, P.
congenital abnormalities, see Gland, mammary, variation
development (Rein) 16, 300, *anat. not.*; 33, 354 (*refs only*); 33, 503 (*ref. only*)
and function of (Creighton) 11, 1-32 (*comp.*)
in vitro mouse (Hardy) 84, 388-93
in the early uterine phase (Hughes) 84, 60, P.
ectopic (MacGillcuddy) 26, 437-8, rep.
excision during lactation, and glycosuria, (Sinéty) 8, 427, rep. (*rabbit, dog, guinea-pig*)
growth, prenatal in mouse (Balinsky) 84, 67-8, P.
84, 227-35
hormones, mammogenetic, response to injections of, weanling male mouse (Hadfield) 91, 582, P.

Subject Index

Gland(s), mammary, (cont.)

- lactating, measurement of epithelium (Richardson) 86, 472, P.
 lymphatics, *see* Lymphatics
 in the male, *see* Gynaecomastia
 membrana propria (Moullin) 15, 331-45
Milk: the mammary gland and its secretion (edited by Kon & Cowie) 1961, 96, 132, *rev.*
 mitochondria in, quantitative study (Howe, Richardson & Birbeck) 89, 574, P.
 of new-born infants (De Sinéty) 10, 218, *rep.*
 porpoise, gravid (*Phocaena communis*) (Hepburn) 28, 19-24
 oestradiol monobenzoate, effect on, lactating rats (Bacsich & Folley) 73, 432-40; 72, 617, P.
 and pectoralis major, absence in father and son (Whyte) 39, 505, *rep.*
 phylogeny and development (Profé) 33, 503 (*ref. only*)
 quiescent, enzyme histochemistry (Ballantyne & Bunch) 100, 446-7, P. (*dem.*)
 intrinsic innervation (Bunch & Ballantyne) 100, 441, P.
 in Rhesus monkey (Folley & Zuckerman) 72, 613, P.
 supernumerary, *see* Polymastia
 tissue, contractile in (Richardson) 83, 58, P.
 variations of (amastia, micromastia, athelia, atrophy) (Williams) 25, 304-15
 congenital abnormalities, 35, 503, *rep.*
 congenital absence, 43, 119-20, *rep.*
 see also headings throughout
 metrial, cells, granular of, *see* Cells, granular, of gland, metrial
 of placenta, granulated cells, rat (Peach & Bulmer) 99, 415-16, P.
 mucous, of stomach (Ebstein) 5, 379, *rep.*
 nasal, salt, phosphatases, acid and alkaline, birds (Scothorne) 94, 581, P.
 salt-secretion, in ducks (Scothorne) 93, 588, P.
 see also Gland(s) salt
 structure, fine, duck (Scothorne & Hally) 94, 581, P.
 histological, turtle (Benson *et al.*) 98, 290, P.
 and function, *Gallus domesticus* (McLelland & Moorhouse) 99, 411, P.
 supra-orbital, cholinesterase and sodium transport, duck (Fourman) 100, 693, P.
 domestic duck, histology and histochemistry (Scothorne) 93, 246-56; 92, 675, P.
 histological structure, saline-fed and freshwater-fed domestic ducks (*Anas platyrhynchos*) (Benson & Phillips) 98, 571-8
 nerve supply, autonomic and distribution of cholinesterase activity in (Cauna & Naik) 95, 602-3, P. (*mammals inc. man*)
 orbital, in certain snakes and lizards (Bellairs) 77, 121, P.
 of pancreatic and bile ducts, autoradiography and histochemistry (McMinn & Kugler) 95, 1-11 (*animal studies*)
 parathyroid, cystic, foetal sheep (Meyer) 48, 170
 parathyroid, anatomical and experimental study (Welsh) part I, 32, 292-307; part II and III, 32, 380-402 (*comp. study*)
 bone, local action on, in intracerebral grafts (Barnicot) 82, 233-48 (*mouse*)
 comparative anatomy, gross and minute, mammals and birds, and of thyroid gland (Forsyth) part I, 42, 141-69; part II, 42, 302-19
 electron microscopy, rat (Lever) 91, 73-81, 91, 570, P.
 embryonic chick, electron microscopy (Scothorne) 100, 448-9, P. (*dem.*)

- foetal, onset of function (Scothorne) 98, 477, P. (*man and sheep*) (*dem.*); (Scothorne & Allan) 97, 628, P.
 functional activity, chick embryo (McFarlane) 99, 922, P.
 normal, hypertrophic and activated, combined light- and electron microscopy, rat (Lever) 92, 650, P.
 of mouse, postnatal cytological development (Foster) 80, 171-8; 80, 233-4, P.
 topography and histology, in *Xenopus laevis* (Shapiro) 68, 39-44
 parotid, absence, bilateral (Slessor) 36, 421, A.U.A.A.S.
 1 specimen, (Nayak & Ayyar) 61, 261-2
 anomalous form (Rutherford) 45, 442-3, *anat. not.*
 archaeologica anatomica (Mcalister) 35, 117-20
 effect of stimuli on (Stoner) 7, 161-2
 evolution and its secretomotor innervation (Shute) 90, 580, P.
 form (Parsons) 45, 239-41
 innervation (von Wittich) 2, 192, *rep.*
 secretomotor and evolution (Shute) 90, 580, P.
 and nerve, facial (McKenzie) 82, 183-6
 relations to (McKenzie) 83, 60, P.
 right, congenital abnormality (Boulgakow) 60, 341
 secretion (Brettel) 3, 213, *rep.* (*sheep*); (Eckhard & Vierheller) 2, 413, *rep.*
 structure (Boll) 3, 202, *rep.*
 in pelvis of the kidney (Egli) 8, 175, *rep.* (*horse, ox, pig, man*)
 periurethral, in Green monkey (*Cercopithecus aethiops sabeus*) (Zuckerman) 72, 472, P.
 pineal, *see* Body, pineal
 pituitary, *see* Hypophysis cerebri
 preputial, in British Muridae (Jackson) 72, 458-61
 prostate, anatomy, part I, (Griffiths) 23, 374-86; 23, xvii, P.; part II, 24, 27-41 (*man, bullock, cat, dog, hedgehog, mole*)
 anatomy and function, rabbit (Davies & Mann) 81, 385-6, P.
 surgical (Walker) 40, 189-209; 40, vii-viii, P.
 blood supply (Kiss) 81, 381, P. (*dem.*)
 arterial, (Clegg) 89, 209-16
 and of seminal vesicles (Clegg) 87, 455-6, P.
 pattern, intrinsic (Clegg) 90, 580-1, P.
 changes, post-natal (Zuckerman & Swyer) 74, 553, P. (*disc. only*)
 in chimpanzee (Humphry) 1, 254-68
 denervation, effect on structure and hormonal responses of, monkey (Swyer & Zuckerman) 75, 368-72
 development (Evatt) 43, 314-21; 43, iv, P. (November 1908) (*l.o.*)
 in human female, and study of the homologies of urethra and vagina of the sexes (Evatt) 45, 123-30
 postnatal, rat (Davey) 86, 497, P.
 and of seminal vesicles and bulbourethral gland ram (Aitken) 93, 43-51
 enlargement and hypertrophy (Griffiths) 24, 236-46
 in 2 eunuchoid men (Griffiths) 28, 221-7
 'female' (periurethral gland) in the Green monkey (*Cercopithecus aethiops sabeus*) (Zuckerman) 72, 472, P.
 form (Dixon) 34, 182-97
 growth, differential (Zuckerman) 72, 168-9, P.
 changes, post-natal, man (Swyer) 78, 130-45
 of *Herpes* (Siddiqi) 81, 123-6
 histochemistry of normal, after castration, application of oestrogens and homographs and in experimental carcinogenesis (Brandes & Bourne) 88, 552-3, P.

Subject Index

Gland(s), prostate, (cont.)

- histology, foetal and prepubertal (Andrews) 85, 44-54
- lobe, 'middle' or 'median', development, and of the utricle (Glenister) 96, 443-55
- of *Mastomys erythroleucus* Temm. (mouse) adult female, occurrence, structure and homology (Brambell & Davis) 75, 64-74
- morphology (Moullin) 29, 201-4
- muscles, see Muscles, prostate
- nerve-cells (Reinert) 3, 455, *rep.* (comp.)
- oestrogenic stimulation, in *Cercocebus torquatus atys* (mangabey) effect (Eckstein & Zuckerman) 78, 146
- primates (Zuckerman & Parkes) 70, 323-30
- effects of prolonged rhesus monkey (Zuckerman) 72, 264-76
- sex hormones, effect on (Zuckerman & Sandys) 73, 597-616 (monkey)
- structure glandular (Langerhans) 9, 207, *rep.*
- surface markings (Thompson) 47, 121, *anat. not.*
- ultrastructure, mouse (Barton) 94, 573, *P.*
- pyloric**, (Ebstein & Grützner) 9, 234, *rep.*
- extraction of enzyme from (von Wittich) 9, 236, *rep.*
- peptic action (von Wittich) 7, 351, *rep.* (pig, rabbit)
- see also Glands of stomach
- rectal**, of spiny dogfish, embryology (Chan & Phillips) 100, 899
- red**, in swim-bladder of certain fish, structure and function (Vincent & Barnes) 30, 545-58
- reproductive, accessory, hedgehog (Prowse) 98, 468, *P.*
- salivary**, anatomy, clinical (Harris) 74, 559, *P.* (dem. only); 74, 554, *P.* (t.o.)
- revealed by lipoidal injections in the living (Paine) 68, 126, *P.* (disc. only)
- topography (Symington) 46, 173-83
- antagonistic action of atropin and physostigmin on (Heidenhain) 9, 426-7, *rep.* (curarized dog)
- in *Elephas indicus* (Watson) 9, 118-33
- enzymes (Grützner) 11, 561-2, *rep.*
- innervation, (von Wittich & Eckhard) 1, 361, *rep.* (rabbit, cat, sheep, dog); (Nawrocki) 3, 463, *rep.*; (Mayer) 4, 304-5, *rep.*
- lymphatic glands in, and of submandibular (Blair) 64, 111-12, *P.*
- nerve fibres in relation to cells of (Kupffer) 7, 330, *rep.* (insects & larvae of Muscidae)
- so-called, of the common cockroach, *Periplaneta orientalis* (Hollis) 5, 242-6
- and sweat, effects of secreto-motor paralysis in (Vulpian) 13, 262-3, *abs.* (curarized dogs)
- see also Glands, parotid, Glands, submandibular
- salt**, developing, histology and histochemistry domestic duck (Buxton *et al.*) 100, 931, *P.*
- secretory capacity, domestic duck (Hally *et al.*) 100, 930, *P.*
- see also Gland(s), salt
- in fishes, fine structure (Lennep & Lanzing) 100, 943, *P.A.S.A.N.Z.*
- sebaceous**, *Advances in biology of skin*, vol. 4, *The sebaceous glands* (edited by Montagna *et al.*) 1963. 99, 182, *rev.*
- caudal, of birds (Kossmann) 6, 447, *rep.*
- cells, Langerhans, (Breathnach & Everall) 95, 603-4, *P.*
- replacement, and of epidermis (Bullough & Ebling) 86, 29-34 (mouse)
- see also Glands, cutaneous
- shell**, and blood supply of oviduct (Hodges) 99, 485-506 (fowl, duck, turkey)
- sternal**, in genus, *Mandrilus* (Hill) 88, 582, *P.*

- in *Myrmecobius* (an anteater) (Ford) 68, 346-9
- of stomach** (Ebstein) 5, 407, *rep.*
- of gastric mucous membrane (Heidenhain) 5, 195-6, *rep.*
- structure (Jukes) 7, 351, *rep.*
- see also Glands, pyloric
- sublingual** and submandibular, cholinesterase in, histochemistry (Snell & Garrett) 91, 575-6, *P.* (rat)
- herniation, through mylohyoid hiatus, occurrence in 117/324 instances (Gaughran) 97, 565-8
- development, *in vitro* (Borghese) 84, 287-302 (mouse)
- structure of (Heidenhain) 3, 213-14, *rep.*
- submandibular**, absence on one side (Nayak & Ayyar) 61, 261-2 (1 specimen)
- action of pilocarpin(e) (Langley) 11, 173-80 (dog)
- cholinesterase in, histochemistry, and in sublingual, (Snell & Garrett) 91, 575-6, *P.* (rat)
- development, *in vitro* and in sublingual, (Borghese) 84, 287-302 (mouse)
- and post-natal electron microscopy, adult rat (Leeson & Jacoby) 93, 287-95; (Jacoby) 93, 579, *P.*; (Jacoby and Leeson) 93, 201-16; 92, 659, *P.*; (Devi & Jacoby) 97, 154, *P.*
- hypertrophy, and hyperplasia, compensatory, rabbit (Trotter) 87, 437, *P.*
- influence of connective tissue capsule on development of epithelium in *Mus musculus* (Borghese) 84, 303-18
- paralytic, cells, alveolar and demilune, changes, cat (Rawlinson) 70, 144-8
- position, abnormal of (Turner) 4, 147
- pressure, high-secreting in, cause (Hering) 9, 234, *rep.*
- secretion, effect of drugs (Heidenhain) 7, 186, *rep.*
- secreto-motor and trophic nerves of (Heidenhain) 13, 121-2, *abs.* (dog, rabbit)
- structure (Heidenhain) 3, 213-14, *rep.*; (Boll) 3, 202, *rep.*
- function and post-natal development, golden hamster (Devi & Jacoby) 100, 269-85
- submaxillary**, see Glands, submandibular
- submucosal**, cell, resting and active, fine structure, fowl proventriculus (Toner) 97, 575-83
- ultrastructure, in proventriculus, fowl (Toner) 97, 141, *P.*
- supraorbital**, see Glands, nasal, supraorbital
- suprarenal**, *The mammalian adrenal gland* (Bourne) 1949. 85, 102, *rev.*
- adrenaline and noradrenaline content, foetal (Coupland) 86, 498, *P.*
- aberrant, in great omentum, cat (Meyer) 48, 170
- abnormalities, and on cortical homology (Waring & Scott) 71, 299-314 (mouse)
- absent, 38, 368, *rep.*
- accessory (Kühn) 1, 356, *rep.*
- in broad ligament, 35, 504, *rep.*
- and administration of ACTH and extract of suprarenal cortex, rat (Yoffey & Baxter) 81, 401-2, *P.*; 81, 404, *P.* (dem.)
- alcoholic extract of, ox. (Holm, F.) 2, 179-80, *rep.*
- anatomy (Rolleston) 26, 548-53; 26, xxi, *P.*
- topographical (Addison) 35, 300
- autografts, survival of chromaffin cells and zones of cortex (Coupland) 89, 561, *P.* (rabbit, rat)
- blood supply, rat (Lever) 86, 459-67
- anatomy and functional significance, *Macaca mulatta* (rhesus monkey) (Harrison & Asling) 89, 106-13; 88, 578, *P.*
- arterial rabbit, rat and cat (Harrison) 85, 12-23 (Harrison & McDonald) 100, 189-202

Gland(s), suprarenal, (cont.)

- changes, functional, in Australian opossum, (Bourne) 72, 616-17, P.
- histochemical in Wistar rats (Yoffey & Baxter) 83, 89-98
- cholinesterase distribution, rat, cat and rabbit (Coupland & Holmes) 91, 597, P.
- cortex, anaesthetic drugs, changes induced by (Robinson) 85, 423, P. (rat)
- cold and adrenaline, histochemical effects on (Robinson & Yoffey) 84, 32-7 (rat)
- cytological and histochemical variations in albino rat (Cain & Harrison) 84, 196-226
- degeneration, isoprenaline-induced, suppression by β -blocking agent, rat (Harrison) 99, 407, P.
- and medulla, morphology (Vincent) 38, 34-48
- observations on growth (Osman Hill) 64, 479-502
- zona intermedia, see *Zona intermedia*
- development (Keene & Hewer) 61, 302-24
- effect of oestradiol monobenzoate in lactating rats (Bacsich & Folley) 72, 617, P.
- of ferret (*Mustela putorius*) (Holmes) 95, 325-36
- foetal and neonatal, (Hanan) 64, 194-9
- growth, guinea-pig (Deanesly & Rowlands) 70, 331-8
- histology, mammals (Bourne) 83, 70-1, P.
- homology (Creighton) 13, 51-82 (horse, dog, other animals)
- homologues, in Teleosts (Vincent & Curtis) 62, 110-14
- 3 β -hydroxysteroid dehydrogenase in (Hart *et al.*) 99, 414-15, P. (man, monkey, rat)
- in vitro, maintenance of embryonic and neonatal, in rat and mouse (Lever) 88, 567, P.
- in inguinal canal (Lockwood) 34, 79-88; 33, xvi-xvii, P.
- innervation, experimental (Heslop & Maycock) 72, 626, P. (dem.)
- intrinsic (Wilkinson) 95, 286, P.
- preganglionic, cats (Young) 72, 168, P.
- partial degeneration (Young) 73, 540-50 (cat)
- and insulin (Elaut) 61, 507-8, P.
- leopard, lion, tiger, (Osman Hill) 72, 71-82
- medulla and cortex, morphology (Vincent) 38, 34-48
- electron microscopy, rat (Lever) 90, 569, P.
- grafts, factors affecting the formation of pressor amines in grafted chromaffin cells, rat (Coupland) 91, 616, P.
- medulla, innervation, electron microscopy (Coupland) 97, 141-2, P.
- phosphatase, acid and alkaline, see *Phosphatase*
- researches on (Pfortner) 3, 455, rep.
- and spleen, histology, *Echidna* (Basir) 66, 628-49
- minute structure and chemistry (Arnold) 1, 147-8, rep.
- structure (Grandry) 2, 398, rep.
- electron microscopy, (Coupland) I. Ultrastructure and organization of chromaffin cells, 99, 231-54; II. Normal innervation, 99, 255-72 (rat)
- sweat, apocrine, axillary, electron microscope study (Charles) 93, 226-32
- counting of (Weiner) 95, 451-2, P.
- distribution and disturbances of secretion after extirpation of certain sympathetic cervical ganglia (Guttmann) 74, 537-49
- eccrine, *Advances in biology of skin*, vol. 3. (ed. by Montagna *et al.*) 1962, 98, 140, rev.
- palmar, daily variations of active (Harrison) 95, 603, P.

- and salivary, effects of secreto-motor paralysis in (Vulpian) 13, 262-3, abs. (curarized dogs)
- thymus, accessory (Harman) 36, 47-53
- Lepidosiren paradoxa* (Bryce) 40, 91-9; 40, ii (t.o.)
- in marsupials (Symington) 32, 278-91; 32, xxx, P.
- persistent, with multiple abnormalities (Fawcett) 32, xlv, P.
- in *Phascogaleus cinereus* (koala) 34, 226-7; 34, xlv, July 1899 (t.o.)
- socia thymi cervicalis, (Harman) 36, 47-53
- ultrastructure, mouse (Craigmyle) 99, 936-7, P.
- thyroid, *The thyroid gland. Its chemistry and physiology* (Harington) 1933, 68, 122-3, rev.
- abnormal in lizards (*Egernia kingii*) from Eclipse Island, Western Australia (Bourne) 69, 515-19
- absence of left lobe (Gow) 18, 118, anat. not.
- anatomy (Callender, Peremeschko) 2, 170, rep.
- comparative gross and minute, mammals and birds, and of parathyroid gland (Forsyth) part I, 42, 141-69; part II, 42, 302-19
- arteries (Lambert Rogers) 64, 54-61
- blood supply, arterial (Reilly) 87, 455, P.
- and lymphatic drainage (Walker) 68, 126-7, P.
- cystic, foetal sheep (Meyer) 48, 171
- development, arrested with dwarfism and obesity (West) 57, 269-73; 59, 54, S.P.
- foetal, histological changes, dromedary (*Camelus dromedarius*) (El-Sheikh *et al.*) 100, 831
- function, influence on teratogenic activity of trypan blue, rat (Christie) 100, 361-8
- growth (Gladstone) 59, 81, S.P.
- guinea-pig (Deanesly & Rowlands) 70, 331-8
- post-natal and of liver and kidney (Gladstone) 58, 170-7
- and structure, common seal (*Phoca vitulina*) (Harrison *et al.*) 96, 3-15
- and haemopoiesis, and other researches into blood (Gibson) 20, 100-13; 20, 324-53; 20, 456-74; 20, 674-91 (dog)
- innervation (Brian) 33, 354 (ref. only); (Cunliffe) 95, 286, P.; (Poincaré) 10, 451-2, rep.
- intercellular channels, dog, pig (Young) 100, 895
- of *Lacertilia* (Adams) 74, 57-71
- leucine, H³, localization, high-resolution autoradiography (Young) 97, 640, P.
- light cells, effect of hypophysectomy on, rat (Young) 99, 412-13, P.
- morphogenesis, (Sgalitzer) 75, 389-405
- nerve endings (Fraser) 24, ii-iii, P. (cat)
- in normal and hypophysectomized rat, histochemical and electron microscopic study (Lever) 92, 675, P.
- position, abnormal (Low) 67, 205, P. (disc. only)
- in pregnant bitch (Goormaghtigh) 61, 518, P. (dem. only)
- radioiodine, newly-administered, localization (Leblond) 77, 149-52 (dog, rabbit, rat, guinea-pig)
- response, species difference, to addition of calcium and iodine to a meat diet (Scott, M. G. & Scott, P. P.) 94, 284, P. (kitten, rat)
- structure, and growth, common seal (*Phoca vitulina*) (Harrison *et al.*) 96, 3-15
- crystalline (Amado) 5, 196, rep.
- struma, congenital (Taruffi) 27, 418, rep.
- suspensory ligaments of (Berry) 22, iv-v, P.
- variation in form, 60 cases (Marshall) 29, 234-9; (Marshall) 36, xxx, P.
- urethral, in male and female, structure (Robin & Cadiat) 9, 206, rep.
- see also *Glans clitoridis* and *Glans penis*

Subject Index

- Glans clitoridis**, nerve endings (Bense) 3, 198, *rep.*
(*mammalia and birds*)
sensory, in mucous membrane (Finger) 1, 356, *rep.*
- Glans penis**, nerve endings (Bense) 3, 198, *rep.* (*mammalia and birds*)
sensory nerve endings in mucous membrane (Finger) 1, 356, *rep.*
- Glass-snake**, see *Pseudopus pallasii*
- Glees silver technique**, see Stains and staining, silver staining, see Stains and staining
- Glia**, see also Neuroglia, Astrocytes, Macroglia and Microglia
- Glider**, squirrel, see *Petaurus breviceps*
- Gliomata**, tissue culture (Canti, Bland & Russell) 71, 149, *P.*
- Globocephalus edwardsi** (Fischer) 7, 336, *rep.*
- Globocephalus macrorhynchus** (Fischer) 7, 336, *rep.*; (Hector) 7, 335, *rep.*
- Globocephalus melas** (Caating whale) osseous and nervous systems of (Murke) 7, 336, *rep.*
ovary and reproductive tract (Harrison) 83, 72, *P.* 83, 238-53
placenta (Morton & Mulholland) 95, 506, *P.*; (Morton) 96, 917, *P.*
testes (Morton) 97, 143, *P.*
- Globocephalus svineval**, Lacépède, anatomy, including arch of aorta and branches, thyroid gland, certain viscera and cervical vertebrae (Turner) 2, 66-79
anatomy (Macalister) 2, 405, *rep.*
see also Cetacea
- Globulin**, in blood serum of animals (Heynsius) 4, 178, *rep.* (*cow, chicken*)
- Glomerulus, glomeruli**, caudalis, in *mammalia* (Arnold) 2, 175, *rep.*
see also Bodies, coccygeal
cells, types, rabbit (Foster & Riad) 97, 403-7
renal, development, postnatal, and late intrauterine (Macdonald & Emery) 93, 331-40
ectopic, in renal pelvis (Fourman & Moffat) 97, 311-12, *P.* (*dog, rabbit, ferret*)
enumeration, dog (Sellwood & Verney) 89, 63-8
secreting area (Book) 71, 91-7
vascular arrangement (Lewis) 92, 433-40 (*rabbit, sheep, guinea-pig*)
vessel, efferent, structure, man (Smith) 90, 290-2
- Glomus**, aortico-pulmonary, portal system (Hughes) 99, 200-1, *P.*
blood supply, structure, and relation to autonomic nerves and ganglia (Hughes) 99, 422-3, *P.*
venous chemoreceptors of autonomic nervous system (Hughes) 99, 422-3, *P.* (*cat*)
tissues, aorticopulmonary (Hughes) 99, 215, *P.* (*dem.*)
nature and distribution, cat (Hughes) 99, 199-200, *P.*
portal system (Hughes) 99, 200-1, *P.*
relationship to peripheral autonomic nervous system (Hughes) 99, 426, *P.* (*dem.*) (*cat*)
see also Bodies, carotid, coccygeal; Glomeruli caudalis;
- Glottis**, innervation (Spiró) 9, 232, *rep.* (*frog*)
paralysis of dilator (Penzoldt) 9, 232, *rep.*
- Glucose**, conversion of glycogen into, by saliva and pancreatic juice (Seegen) 11, 563, *rep.*
determination, in urine (Knapp) 5, 226, *rep.*
- Glucuronidase, beta**, activity in rat placenta (Bulmer) 96, 417-18, *P.*
in ovary and placenta, comparison of histochemical methods, rat (Bulmer) 100, 697, *P.*
histochemical distribution, rat (Bulmer) 97, 181-7
- activity, distribution in ovary (Bulmer) 97, 154-5, *P.* (*rat, rabbit*)
- Glutaraldehyde**, and biogenic amines, reaction between (Hopwood & Coupland) 99, 414, *P.*
fixation (Hopwood) 99, 926, *P.*
reaction with noradrenaline (Hopwood & Coupland) 99, 191, *P.*
- Glycaemia**, and blood (Bernard) 9, 416, *rep.*
- Glycerine**, physiological and therapeutic properties (Catillon) 13, 252-3, *abs.*
- Glycerine-jelly**, neutral tinted, as a mountant for pathological specimens (Bruere & Kaufmann) 44, 345-8
- Glyceryl trioleate**, peritoneal cells before and after stimulation by (Carr) 100, 427, *P.* (*mouse*)
- Glyco-cholic acid**, preparation (Hüfner) 9, 437, *rep.*
- Glycogen** (Abeles) 13, 239-40, *rep.*
action on saliva and pancreatic juice (Seegen) 13, 412-13, *rep.*
activities, effects of oestrogen, progesterone and relaxin, myometrium, mice (Hall) 99, 926, *P.*
and alkaline phosphatases in relation to decidual development in early pregnant rats (Christie) 100, 431, *P.*
in cellular differentiation (O'Connor) 87, 445-6, *P.* (*chick embryo*)
in conducting system of heart, ox (Wilkinson, *et al.*) 94, 453, *P.*
detection, histochemical, and glycogen fractions (Wilkinson & Kugler) 94, 286-7, *P.*
diminution during muscular contraction (Weiss) 6, 460-1, 485, *rep.* (*frog, dog*)
distribution in early placentae (Boyd) 91, 595, *P.*
effects of injection (Bohm & Hoffmann) 13, 238-9, *abs.* (*cat*)
effect of warm potassium hydroxide on (Vintschgau & Dietl) 11, 563, *rep.*
in embryo and foetus (Livini) 61, 506-7, *P.*
some fallacies in connexion with the fixation, (Carleton) 72, 176-7, *P.* (*dem.*)
histochemical stain (Pritchard) 83, 30-1
liver, content, in diabetic patient (post mortem) (Kulz) 11, 564, *rep.*
effect of ligation of bile duct (Kulz & Frerichs) 11, 564, *rep.* (*guinea-pig, rabbit*)
effect of diet, arsenious acid and amyl nitrite on (Konjokoff) 11, 564, *rep.* (*rabbit*)
formation in (Dock) 7, 187, *rep.*; (Luchsinger) 8, 418, *rep.*; (Salomon) 8, 419-20, *rep.* (*rabbit*); (Luchsinger) 9, 238-9, *rep.* (*hen, rabbit*); (Salomon) 9, 438-9, *rep.*; (Pink, Heidenhain) 9, 438-9, *rep.* (*rabbit*); (Mayer) 13, 122-3, *rep.* (*rabbit*)
quantity of, newly-born children (Salomon) 9, 439, *rep.*
source (Weiss) 8, 209, *rep.*
localization, histochemical, quantitative studies (Wilkinson & Kugler) 97, 487, *P.A.S.A.N.Z.*
metabolism (Tscherninoff) 1, 359, *rep.*
muscle, content, after denervation and arterial ligation (Chandelon) 11, 563, *rep.* (*rabbit*)
see also Sugar; Muscle
occurrence in organs of diabetic patients (Jaffe) 1, 162, *rep.*
in pharyngeal derivatives, sheep (Scothorne) 89, 557-8, *P.*
preparation (Brücke) 6, 469-70, *rep.*
quantity in marine animals (Picard) 10, 648, *rep.*
in relation to blood vessels of placenta and uterus (Boyd) 91, 605, *P.*
in uterus, pregnant, rat (Pritchard) 81, 379-80, *P.*

Subject Index

- Glycogenesis**, in embryonic tissues by uridine diphosphate glucose-glycogen synthetase pathway (Grillo) 97, 156, *P. (chick, rat)*
- Glycosuria**, experimental production (Eckhard) 5, 217, *rep. (dog, rabbit)*; (Ewald) 8, 421, *rep. (dog, rabbit)*
by oxygenated blood in the liver (Pavy) 10, 648, *rep.*
excision of mammary gland during lactation and (Sinéty) 8, 427, *rep. (rabbit, dog, guinea-pig)*
and nitrobenzol (Mering) 10, 650, *rep.*
- Glyptic period**, *L'époque Eburnéenne et les races humaines de la période Glyptique* (Piette) 1894, 29, 141, 144, *rev.*
- Goat(s)**, abnormal sexual characters, 'freemartins', twins (Rickards & Wood Jones) 52, 265-75
ectromelic, skeleton (Pires de Lima) 49, 378-85
tubal ovum in, first finding (Hamilton, Amoroso & Griffiths) 73, 359, *P.*
ova, cleavage (Amoroso *et al*) 76, 229, *P. (dem.)*
see also Capra hircus
- Goblet-cells** (Rückhard) 3, 202, *rep. (molluscs)*
of intestinal mucous membrane (Eimer) 3, 202, *rep.*
- Goitre**, colloid in lymphatics and blood vessels of thyroid in (Horne) 27, 161-78
- Gold**, absorption and elimination (Mayençon & Bergeret) 8, 219, *rep.*
chloride, effect on skin, electron microscopy (Breathnach & Wyllie) 98, 289, *P.*
stain, use in histology (Cohnheim & Köllicker) 1, 369, *abs.*
- Golgi**, apparatus, in cells of anterior lobe of hypophysis cerebri, in normal and stilboestrol-treated rats (Foster) 81, 403, *P.*
within gastric parietal cell, electron microscopy (Hally) 94, 425-31 (*mouse*)
material, distribution in bladder and ureter (Martin) 92, 286-97 (*guinea-pig, rabbit, rat, mouse, cat*)
see also Stains and staining
- Gomphognathus**, prevomer in (Broom) 31, 276-9
- Gonadal stimulation**, *see* Stimulation
- Gonads**, agenesis, chromosome analysis (Gray) 95, 285, *P.*
response to light, vascular and nervous connexions of retina and (Thomson & Zuckerman) 83, 63-4, *P.*
- Gonocytes**, effect of irradiation on, rat (Sapsford) 98, 487-8, *P.A.S.A.N.Z.*
histochemistry and ultrastructure (Baillie) 98, 641-5 (*mouse*)
- Goodsir, John**, *The anatomical memoirs of John Goodsir* (Turner) 2 vols. 1968, 3, 194, *rev.*
- Gordius**, muscles (Grenacher) 4, 301, *rep.*
see also, Nematodes
- Gorilla**, arch of atlas, congenital defect (Cave) 85, 408, *P.*
brain (von Bischoff, Broca, Pansch) 13, 266 (*t.o.*); comments by Turner, 13, 277-8
column, vertebral (Symington) 24, 42-51
cortex, cerebral, arterial supply (Shellshear & Abbie) 68, 140-1, *P. (disc. only)*
crania, 2 specimens (Duckworth) 35, viii-ix, *P.*
hemispheres, cerebral (Clark) 61, 467-75; 61, 489-90, *P.*
foetus (Duckworth) 33, 82-90
hip-bone (Duckworth) 35, viii-ix, *P.*
myology (Nacalister) 9, 404, *rep.*
pterion, variation (Ashley-Montague) 64, 247-9
sinus, paranasal, maxillary (Wood Jones) 73, 116-19; 72, 623, *P.*
skull, post-frontal and orbital elements (Ashley-Montagu) 65, 446-56
vascular and peripheral nervous system of, *Das Gefäß und periphere Nervensystem des Gorilla* (Eisler) 1890, 24, 611, *rev.*
vertebral articular processes of (Struthers) 27, 131-8
Gorilla savagei, crania, 108 skulls (Duckworth) 29, 335-45
- Goya**, Kabara, *see Varanus salvator*
- Graafian follicles**, *see* Follicles, Graafian
- Grafts**, Grafting, joining of adult animals, (Bernard) 1, 164, *rep.*
malignant and normal microcirculation (Sanders) 97, 631-2, *P. (hamster)*
vitality of tissues, animal (Bernard) 1, 163-4, *rep.*
reaction, and trypan blue (Baxby & Scothorne) 100, 693, *P. (rabbit)*
- bladder mucosa** as (Johnson & McMinn) 89, 450-6
autografts, to ear, rabbit (Joseph) 93, 563-4, *P.*
into ileum, autografts, rabbit (Joseph & Townsend) 97, 156, *P.*
effects on healing fractures, skull, guinea-pig, rat (Beresford & Hancox) 99, 407-8, *P.*
- bone** (McGregor) 26, 220-30 (*rabbit*)
cortical and cancellous, (McNeur & Hart) 100, 939, *P.A.S.A.N.Z. (cat)*
fate and revascularization (Nevin) 91, 591-2, *P. (rat)*
cancellous, fresh, second-set, changes in first regional lymph nodes draining, autografts and homografts (Burwell) 95, 607-8, *P.*
homologous, combined with autologous red marrow after transplantation to a muscular site (Burwell) 95, 613, *P.*
marrow-free lymph nodes, regional first, draining, homografts (Burwell) 94, 575-6, *P. (rabbit)*; 94, 455, *P. (rabbit)*
changes in lymph nodes after, autografts (Burwell) 94, 455, *P. (rabbit)*
composite, after transplantation to muscular site, further studies (Burwell) 97, 146, *P. (rat)*
antigens in regional lymph nodes, homografts (Burwell & Millard) 97, 147, *P. (rabbit)*
marrow containing cancellous, activating lymph nodes, homografts, histochemistry (Burwell) 97, 629, *P. (rabbit)*
red, lymph nodes, regional first, draining (Burwell) 94, 575-6, *P. (rabbit)*
heterotopic, experimental production (Wyburn & Bacsich) 81, 380-1, *P.*
stored, lymph nodes, regional first, draining (Burwell) 94, 575-6, *P. (rabbit)*
- callus**, fibro-cartilaginous fracture, fate, rat, rabbit (Thompson) 92, 661, *P.*
- cartilage**, homografts and autografts, studies, rabbit (Craigmyle) 88, 580, *P.*
long-term, autoradiography and histochemistry, rabbit (Craigmyle) 92, 467-72
boiled, relation to transplantation immunity, heterografts (Craigmyle) 92, 661, *P.*
regional lymph node changes induced and heterografts (Craigmyle) 92, 74-83 (*rabbit*)
³⁵S, use of (Ring) 90, 582-3, *P. (rabbit)*
uptake by (Wyburn) 90, 563, *P.*
longstanding, fate, and uptake of labelled sulphate, auto-, homo- and heterografts (Craigmyle) 91, 615, *P. (rabbit)*
- corneal**, experimental, guinea-pig, homograft (Bacsich & Wyburn) 91, 339-44

Subject Index

Grafts, cornea *cont.*)

- subcutaneous, behaviour and fate of second set, homografts (Bacsich & Wyburn) 90, 583, *P. (guinea-pig)*
- embryonic**, chick, 36, 296, *rep.*; 37, 360, *rep.*
- subcutaneous, adult fowl, 33, 509, *rep.*
- brain, implantation in, of portion of embryonic head (Glees) 75, 239-47 (*rabbit*)
- chorio-allantoic, of single somites and of unsegmented paraxial region, chick embryo, 2-d-o, (Murray & Selby) 67, 563-72
- foetal organs in rat foetus, in utero (Packer & Keong) 100, 939, *P.A.S.A.N.Z.*
- pineal, iris reactions to (Holmes) 90, 567, *P. (rabbit)*
- tissue, rats (Clarke) 94, 578-9, *P.*
- subcutaneous, of umbilical cord, hetero & homografts (Bacsich & Wyburn) 83, 74, *P. (guinea-pigs)*
- glands**, lymph, changes, cellular following, rabbit (Scothorne & McGregor) 89, 283-92
- suprarenal, medulla, factors affecting the formation of pressor amines in grafted chromaffin cells, rat (Coupland) 91, 616, *P.*
- in guinea-pigs, (Bacsich & Wyburn) 80, 234, *P.*
- of ileum, transplanted into urinary bladder, behaviour, rabbit (Joseph & Thomas) 92, 551-8; 91, 615, *P.*; fate, 91, 581, *P.*
- to ear, autografts rabbit (Joseph) 92, 669, *P.*
- nerve**, degeneration and re-innervation, rabbit (Sanders & Young) 76, 143-66
- fate, and repair of divided nerves (Bentley & Hill) 71, 150-1, *P. (disc. only)*
- in rabbit (Sanders) 83, 80, *P.*
- fate (Barnes, Bacsich & Wyburn) 80, 234-5, *P.*
- fragments, sciatic, and spinal ganglia, in the brain, influence on regeneration of nerve cells (Le Gros Clark) 77, 20-48 (*rabbit*)
- ganglia, spinal, and sciatic nerve fragments, into the brain, influence on regeneration of nerve cells (Le Gros Clark) 77, 20-48 (*rabbit*)
- invasion by regenerating muscle fibres (Sanders) 84, 394, *anat. not.*
- re-innervation and degeneration, rabbit (Sanders & Young) 76, 143-66
- ovarian**, in monkeys, autografts (Mandl & Zuckerman) 83, 315-24
- maintenance of normal structure of anterior pituitary by, in castrated male rats (Allanson) 72, 474, *P. (dem.)*
- pancreatic**, effect of alloxan and partial pancreatectomy on (Coupland) 91, 581, *P.*
- skin**, effect of cortisone acetate on the response of the regional lymph node, homografts (Scothorne) 90, 417-27 (*rabbit*)
- fate, homografts (Gibson & Medawar) 77, 299-310
- glycogen, autografts (Scothorne, A. W. & R. J.) 86, 475, *P.*
- and hair growth, rabbit (Whiteley) 92, 563-7
- histochemistry, autografts (Scothorne, R. J. & A. W.) 87, 22-9; 86, 491, *P.*
- homologous, survival, domestic fowl (Bridges & Millar) 98, 688, *P.*
- regional lymph glands, changes in following homografts (Scothorne & McGregor) 88, 579, *P. (rabbit)*
- homografts, rabbits (Medawar) 79, 157-76
- return of sweating (McGregor) 84, 76, *P.*
- sensory pattern (functional), regenerated (Hutchison & Wyburn) 84, 67, *P.*

- influence of acute uraemia upon survival (Burwell, Parsons & Smiddy) 95, 282-3, *P. (rabbit)*
- vascularization, homo- and autografts, rabbit (Scothorne & McGregor) 87, 379-86; 87, 446, *P.*
- splenic**, sensitivity and tissue culture (Sharp & Burwell) 96, 457-75 (*rabbit*)
- vaginal**, behaviour, rabbit (Krohn) 89, 269-82
- Grampus griseus* (or Risso's dolphin) observations (Fischer) 3, 204, *rep.*
- skull and external features (Flower) 7, 173, *rep.*
- viscera (Turner) 26, 258-70
- Grampus richardsoni* (Hector) 7, 335, *rep.*
- Grampus rissoanus* (Murie) 5, 118-38
- Grampus stearnsii*, preliminary description (Dall) 7, 335, *rep.*
- Grant Medical College, Bombay, Anatomy Museum**, rare bone abnormalities in (Motwani) 71, 131-3, *anat. not.*
- Grants**, in aid of scientific investigation (B.M.A.) 14, 272
- Granulations, arachnoid** (Le Gros Clark) 55, 40-8; (Bastian) 1, 357, *rep.*; (Cooper) 92, 634, *P.*
- in anthropoidea (Nepven) 4, 304, *rep.*
- cells, sheep (Jayatilaka) 98, 288, *P.*
- structure (Key & Retzius) 7, 329-30, *rep.*; (Michelson) 3, 451, *rep.*
- parasagittal, (Turner) 91, 572, *P.*
- sheep (Jayatilaka) 98, 288, *P.*; 99, 315-27; 99, 635-49; 97, 474, *P.*
- Granules**, β -cells of pancreas, starved and free-fed guinea-pig (Lever & Findlay) 98, 55-62; 98, 289-90, *P.*
- cytoplasmic, dense, in the cultured fibroblast, pinocytosis and (Hayward) 95, 454, *P.*
- glycogen, of liver, changes after treatment with nitrogen mustard (Barton) 98, 299, *P.*
- lipoid, in leucocytes (Bacsich) 70, 267-72
- melanin, origin (Ludford) 59, 89, *S.P. (dem.)*
- Nissl, in cranial nerve nuclei, chronological appearance (Ashley) 93, 562, *P.*
- Granulocytes**, *see* Corpuscles blood
- Granuloma(ta)**, foreign body, structure, mouse peritoneum (Carr) 97, 492, *P.A.S.A.N.Z.*
- Grape sugar**, *see* Glucose
- Graptolitidae*, *A monograph of British Graptolitidae* (Nicholson) 1872, 6, 432, *rev.*
- Gravitational field**, *see* Field, gravitational
- Gravity**, effect on development of frog's egg, 38, 360, *rep.*
- Grebe**, *see* *Pygopodes*
- Gregarinidae*, evolution (van Beneden) 6, 448-9, *rep.*
- Groove(s)**, adductor, accessory, and hypotrochanteric fossa, primate femur (Appleton) 56, 295-306
- interparietal, in skulls, Egyptian (Shore) 73, 1-14; 71, 156, *P. (disc. only)*
- large, on inner aspect of parietal bones, cause (Coen) 48, 293-8
- ovarian, and lateral wall of pelvic cavity (Waldeyer) 32, 1-10
- for popliteus, observations (Strachan) 50, 204-6
- primitive, developments, multiple, in birds, 40, 296-7, *rep.*
- transient nature (Balfour) 8, 169, *rep.*
- Ranvier's ossification, fibres, osteogenic (so-called), of, and their relation of perichondrial and periosteal bone (Pratt) 91, 591, *P. (rat)*
- subcostal, first (Cave) 65, 165-9, *P.*
- vascular, of skull, abnormalities (Blair) 65, 175, *P.*
- Grote, George**, brain (Marshall) 27, 21-68, *errata*, 27, 290
- Ground substance**, of central nervous system, histochemistry (Kiernan) 99, 926-8, *P.*

Subject Index

Growth, Growth (Lorrain Smith, ed. by Haldane) 1932. 67, 486, *rev.*
Problems of relative growth (Huxley) 1932. 67, 484-5, *rev.*
Growth at adolescence (Tanner) 1955. 90, 156-7, *rev.*
Symposia of the Society for the Study of Human Biology (Tanner) volume III: *Human growth*, 1960. 95, 278, *rev.*
On growth and form (Thompson) abridged edition by J. T. Bonner, 1961. 96, 307, *rev.*
 Anidien, bird, 43, 115, *rep.*
 base of skull, (Ford) 91, 583, P.
 of base, cranial (Scott) 90, 594, P.
 body, effect of propylthiouracil, sub-toxic doses, rats (Asling & Harrison) 88, 579, P.
 of bone (Ollier) 7, 357, *rep.*; (Strelzoff) 9, 388, *rep.*; (Wolff) 9, 388, *rep.*
Bone growth in health and disease (Harris) 1933. 68, 284-5, P.
 alizarin as indicator (Hoyte) 94, 432-42 (*rat*, *rabbit*, *guinea-pig*); 90, 585, P.
 arrested by damage to epiphyses (Bidder) 8, 425, *rep.* (*rabbit*)
 from articular cartilages (Humphry) 13, 86-90
 of articular ends in adult (Ogston) 12, 503-17
 calcium, and radioactive, study with (Tomlin, Henry & Kon) 86, 475, P.
 cessation (Harris) 61, 518, P. (*dem.*)
 and construction (Zaaijer) 9, 190, *rep.*
 influence of cortisone (Sissons & Hadfield) 89, 69-78 (*rabbit*)
 intercellular (Schachowa) 8, 425, *rep.*
 of ischio-pubic part of pelvis, rat (Harrison) 99, 206, P.
 longitudinal, rate, experimental determination (Sissons) 87, 228-36 (*rabbit*, *rat*)
 long, cessation (Harris) 61, 518, P. (*dem.*)
 cuff, primary bony, fate and significance, mammals (Pratt) 90, 596-7, P.
 diaphyseal (Landois) 3, 447, *rep.*
 measurements, pig, (Payton) 65, 170, P. (*t.o.*)
 fate and significance of primary bony cuff, mammals (Pratt) 90, 596-7, P.
 foetal, as exemplified by a case of foetal syphilis (Harris) 64, 1-2; 64, 116, (*t.o.*)
 longitudinal, *Gallus domesticus* (domestic fowl) (Lutfi), 100, 927, P.
 in madder-fed pig (Payton) 66, 414-25; (Charles) 76, 227, P.
 mechanism controlling length (Selye) 68, 289-92 (*rat*)
 normal and pathological (Wegner) 9, 244, *rep.*
 pattern, effect on structure of (Pratt) 91, 603, P. (*rat*)
 tubular (Wegner) 9, 190, *rep.*
 and madder experiments (Charles) 76, 227, P.
 pig (Keith) 59, 97-8, S.P.
see also Growth, bones, long
 membranous (Pritchard) 80, 218, P. (*rabbit*, *rat*, *mice*, *man*)
 muscle attachments in relation (Symons) 87, 453, P.
 mutants, study of, grey-lethal and microphthalmic, mouse (Bateman) 88, 212-62
 occipital changes, Bushmen, and Negroes (Tobias) 92, 652-3, P.
 pathological (Haab) 9, 443, *rep.*
 rate in rickets (Pye) 23, 116-23
see also Bone
 in relation to internal architecture (Wolff) 5, 192, *rep.*
 of brain, in Australian aboriginal (Woollard) 65, 224-41

in man and monkeys (Keith) 29, 282-303; 29, x, P.
 of cartilage, mandibular condyle, using ³H-thymidine (Blackwood) 96, 414, P.
 canals in patella (Haines) 71, 471-9
 children, *Growth of children* (Low) 1952. 87, 89-90, *rev.*
The growth of the normal child during the first three years of life (Merminod, ed.) 1962. 96, 543-4, *rev.*
Chemical anthropology: a new approach to growth in children (Macy & Kelly) 1957. 93, 137, *rev.*
 column, vertebral, genetic differences, rabbit and man (Tanner & Sawin) 87, 54-65
 cortex, cerebral, study of central and calcarine sulci (Cunningham) 31, 586-98; 31, xxxix, P. (*t.o.*)
 cranial, relative contribution of sutural and of ectocranial deposition of bone (Hoyte) 92, 654, P.
 base and lower jaw during secondary palatal closure in normal and cortisone treated strain A mice (Harris) 97, 636, P.
 diaphyseal, in limb bones of pig, measurements, (Payton) 65, 170, P. (*t.o.*)
 diaphyseal, proximal and distal directions, measurements (Digby) 50, 187-8
 disorders, anatomical changes (Keith) part I, multiple exostoses, 54, 101-15
 effect of gravitational field on, rat (Steel) 94, 284, P.
 epiphysial, in madder-fed pig (Payton) 68, 133, P. (*disc. only*)
 role in relation to (Harris) 66, 142, P.
 facial, children (Young) 71, 458-70; 72, 144, P. (*disc. only*)
 and cartilage of nasal septum (Scott) 85, 434, P.
 influence of growth of teeth and nasal septum on (Metcalf) 95, 285, P.
 revealed by radioactive calcium (Dixon) 93, 589, P.
 of fibres, muscle, skeletal (Mackay) 95, 602, P.
 nerve, changes after remyelination (Quilliam) 92, 383-98 (*rabbit*)
 of finger-nails (Le Gros Clark & Buxton) 72, 320, P.
 relation to nutritional status (Gilchrist & Buxton) 73, 575-82
 foetal, sheep (Harris) 71, 516-27
The development and growth of the external dimensions of the human body in the foetal period, (Scammon & Calleins) 1929. 65, 402-3, *rev.*
 gland, prostate, changes, postnatal, (Swyer) 78, 130-45
 effect of muscle relaxant on chick embryo (Ahmed & McKenzie) 97, 626, P.
 hair, rabbit (Whiteley) 92, 563-7
 rhythm, in rat (Durward & Rudall) 80, 230, P.
 interstitial and absorption of bone (Kollicker) 8, 387, *rep.* (Heuberger) 9, 388, *rep.*
 of jaws (Humphry) 12, 288-93 (*pig*)
 of lamina, dental, progressive, (Backhouse) 87, 452, P.
 of Leydig tissue in the postnatal prepubertal mouse testis, observations and histochemistry (Baillie) 95, 357-70
 mandible, changes in Bushman (Wells) 66, 50-63
 of masticatory organs in isopod crustaceans, (Hollis) 6, 398
 mechanical equivalent of force of in aerial leaves (Hollis) 12, 528-33 (*Aucuba japonica*)
 of muscle, longitudinal, rabbits (Crawford) 87, 436, P.
 striped, post-embryonal (Meek) 33, 213, *abs.*
 postnatal (Meek) 33, 596-608 (*field vole*, *cat*, *sheep*, *rat*)
 and tendon, laws (Haines) 66, 578-85
 of nerves of vibrissae, postnatal (Fitzgerald) 96, 521-5 (*pig*)

Growth, (cont.)

- ovarian, factors in (Zuckerman & Green) 80, 217, *P.*
 pathological, of bones (Haab) 9, 443, *rep.*
 pattern, and effect upon structure of long bone (Pratt) 91, 603, *P. (rat)*
 pelvic, experimental, rat (Harrison) 92, 483-8
 influence of femoral head on, rat (Harrison) 95, 12-24
 madder-fed pig (Payton) 69, 326-43; 70, 193, *P. (t.o.)*
 mensural and morphological study (Harrison) 92, 236-60
 principles (Boll) 11, 575, *rep.*
 rate, hesperidin, phosphorylated, effect on, mice, prepubertal (Bacsich & Young) 88, 547, *P.*
 of foetal skull (Ford) 90, 562-3, *P.*
 effect of radiation on (Metcalf) 95, 607, *P.*
 regulation, post-natal in simple organs (MacConaill) 68, 143, *P. (disc. only)*
Methods for research in human growth (Garn & Shamir) 1958. 93, 269-70, *rev.*
 sacral, rat (Harrison) 90, 594, *P.*
 of seal, grey (*Halichoerus grypus* (Fabricius)) (Amoroso & Mathews) 85, 427-8, *P.*
 of skeleton (Langer) 7, 168, *rep.*
 skull, autoradiography and alizarin techniques (Dixon & Hoyte) 93, 589, *P.*
 effects of thyroid deficiency on, rat (Horn & Ford) 95, 131-7
 foetal (Ford) 90, 63-72; *see also* Growth, of cranial base
Macaca mulatta (Rhesus monkey) (Latham) 92, 654, *P.*
 of tail, rat (Keegan & Harrison) 95, 616, *P.*
 talus, changes, primates (Lisowski) 99, 917-18, *P.*
 of teeth and nasal septum, influence on growth of face (Young) 95, 285, *P.*
 of tissue cultures (Canti) 68, 131, *P.*
 tooth germ, 'recruitment' as a factor (Ten Cate) 92, 637, *P.*
 of ventricles of heart, postnatal, rat (Keen) 79, 38-40
 vertebral, specimens and models illustrating, demonstrations (Harris) 76, 229, *P.*
see also names of organs
Guam, skulls of prehistoric inhabitants, non-metrical morphological characters, racial diagnosis, part III (Wood Jones) 65, 438-45
Guanethidine, effect on argentaffin cells in mouse colon and in primary explant cultures (Schofield & Southwell) 99, 948, *P.A.S.A.N.Z.*
Guarana (fruit of *Paullinia sorbilis*) action (Montegazza) 2, 421, *rep.*
Guaranine, action on warm- and cold-blooded animals (Bennett) 8, 225, *rep.*
Gubernaculum testis, and associated structures, rabbit and marsupial embryos (Kirk) 71, 146-8, *P.*
 of certain ungulates (Backhouse, Butler & Woodhead) 88, 572, *P.*
 changes during and after descent of testis (Backhouse) 91, 609, *P. (pig)*
 development, man (Backhouse & Butler) 90, 584, *P.*
Guaiacum, test for blood, modified (Day) 3, 232, *rep.*
Guinea-pig, blastocyst, early, structure (Wilson) 62, 346-58
 development, part I (Schäfer) 10, 772-7; part II, 10, 332-47
 oestrous cycle (Bacsich & Wyburn) 73, 669, *P.*
 placenta (Creighton) 13, 173-82
 subplacenta (Davies, Dempsey & Amoroso) 95, 311-24

- development, histology and histochemistry (Davies, Dempsey & Amoroso) 95, 457-73
see also *Cavia porcellus*
Gums, innervation, man (Lewinsky & Stewart) 72, 531-4; 72, 320, *P.*
Talpa europea (mole) (Lewinsky & Stewart) 74, 53-6; 73, 667, *P. (disc. only)*
Gustatory nerves, *see* Nerves of taste
Gut, abnormalities of, with ectopia vesicac, in new-born infant (Ogston) 17, 86-8
 effect of inflation of on body temperature (Simons) 5, 409, *rep.*
 malrotation (Chiene) 2, 13-18; 5, 381-2, *rep.*; 1 case (Aasar) 72, 579-83; (Reid) 42, 320-5; (Pan) 55, 288-9
 incomplete (Jaboulay) 27, 421, *rep.*
 non-rotation, woman of 87 (Odgers) 68, 142-3, *P.*
 postanal, in foetal pig (M'Clure) 33, xxiv, *P.*
 pre-oral, in *Ceratodus* (Allis) 66, 659-68
 pre-oral, development, and of hypophysis cerebri and related structures, marsupials (Parker) 51, 182-249
see also, individual parts of intestine
Gymnotus (eel), caudal heart of (Jones) 2, 405, *rep.*
 electric current in (Robin) 1, 165, *rep.*
Gymnura, limb myology (Parsons) 32, 312-24
 skeleton, appendicular and axial, and skull (Mivart) 1, 308-10
Gynaecomastia (Gruber) 2, 174, *rep.*; 37, 301, *rep.*; 44, 100-1, *rep.*
 in Sudanese (Crispin) 39, 505, *rep.*
 weanling mouse, use for assay of oestrone and prolactin (Hadfield) 92, 130-6
Gypsophoca tropicalis, (North Australian sea bear) observations on (Gray) 7, 335, *rep.*
Gyrus, Gyri, *The convolutions of the human brain* (Ecker, trans. by Galton) 1873. 8, 158, *rev.*
 of apes (von Bischoff) 13, 266 (*t.o.*); comment by Turner, 13, 277.
 in man (Pansch) 13, 268 (*t.o.*); comment by Turner, 13, 268; (Giacomini) 13, 266 (*t.o.*); comment by Turner, 13, 268-9; (Broca) 13, 266 (*t.o.*); comment by Turner, 13, 275-6
 apes and carnivora (Meynert) 13, 267 (*t.o.*); comment by Turner, 13, 273
 absence of, in 11-year-old twin (Zilgien) 27, 421, *rep.*
 anatomy, comparative (Turner) 25, 105-53; 1, 149, *rep.*; (Bischoff, Ecker) 4, 157, *rep.*
 anomalies, 30, 460, *rep.*
 asymmetry (Marshall) 10, 444, *rep.*
 of chimpanzees and oranges (Benham) 30, 312, 313, *rev.*
 cytoarchitectonics (Clarke) 3, 450, *rep.*
 in deaf and dumb woman (Broadbent) 4, 218-25
 in depth of central sulcus (Heschl) 13, 266 (*t.o.*); comment by Turner, 13, 270
 of gorilla (von Bischoff) 13, 266 (*t.o.*); comment by Turner, 13, 278
 hippocampal, *see* Gyrus, parahippocampal
 of horse (Charnock Bradley) 33, 215-27
 of Lemuroids (Chudzinski) 30, 312, *rev.*
 measurement of grey matter of (Major) 7, 169-70, *rep.*
Morphology of the cerebral convolutions, with special reference to the order of primates (Parker) 1896. 31, 163, *rev.*
 origin, cerebral (Schnopfhagen) 25, 581-2, *abs.*
 parahippocampal, (Elliot Smith) 37, 324-8
 topography (Symington) 40, 244-6; 40, ix, *P.*
 postcentral, structure and function, correlation, macaque (Powell & Mountcastle) 93, 561-2, *P.*

Subject Index

Gyrus, (cont.)

- of primates (Kükenthal & Ziehen) 30, 312, 313, *rev.*
- of seals and walrus, compared with those of carnivora, apes and man (Turner) 22, 554-81
- skull form in relation to direction of (Meyer) 11, 542, *rep.*
- in relation to intelligence (Turner) 8, 173, *rep.*
- in relation to outer surface of skull and head (Turner) 8, 142-8; 8, 359-61 (*man*)
- in relation to skull and trephining (Pozzi) 13, 267 (*t.o.*); comment by Turner, 13, 271
- structure (Arndt) 3, 450, *rep.*; (Richet) 13, 267 (*t.o.*); comment by Turner, 13, 280
- minute (Butzke) 8, 171, *rep.*
- supraorbital, (Weisbach) 13, 266 (*t.o.*); comment by Turner, 13, 277
- transverse temporal, of the brain of carnivores (Anthony & Coupin) 59, 113-19
- anterior (Heschl) 13, 267 (*t.o.*); comment by Turner, 13, 270 (*man*)

Haemantography (Landois) 9, 222, *rep.*

Haematin (Hoppe-Seyler) 6, 457, *rep.*

- action of carbon monoxide upon (Popoff) 3, 469, *rep.*
- crystalline (Thudicum) 3, 231, *rep.*

Haematoidin, identity (Salkowsky) 4, 178-9, *rep.*

Haematology, avian, *Atlas of avian hematology* (Lucas & Jamroz) Agriculture monograph 25, 1961, 96, 305, *rev.*

cellular, *Quantitative cellular haematology* (Yoffey) 1960, 95, 445, *rev.*

Haematoma, fracture, fate (Scott & Pritchard) 94, 286, *P.*

valvular, on cusp of tricuspid valve, of sheep (Gibson) 14, 413-15

Haematopoiesis, extramedullary and extravascular (Hickey) 97, 487-8, *P.A.S.A.N.Z.*

in solitary hypoplastic 'kidney' of malformed full-term foetus (Hickey) 99, 218, *P. (dem.)*

hepatic, in mouse foetus (Thomas) 100, 932, *P.*

effect of intermittent hypoxia on (Bhuyan) 99, 207-8, *P. (guinea-pig)*.

Haematoporphyrinuria, and urobilin (Harris) 31, 383-91.

Haematoxylin, *see* Stains and staining

Haemochromogen (Hoppe-Seyler) 5, 223, *rep.*

Haemocytoblasts, hepatic, origin (Thomas & Yoffey) 95, 605, *P.*

Haemoglobin (Lanckester) 7, 346, *rep.*; (Hermann & Steeger) 10, 644-5, *rep.*; (Deutschmann) 10, 646, *rep.*

action of ammonia, arseniuretted and antimonuretted hydrogen on (Koschlakoff & Bogomoloff) 3, 469, *rep.*

action of hydrogen sulphide, hydrogen selenide and hydrogen telluride on (Bruere) 26, 62-75

action of nitrites on (Gamgee) 3, 231, *rep.*

influence of acids on oxygen of (Strassburg) 6, 457, *rep.*

influence of alkaloids on (Schär) 9, 417, *rep.*

influence of nutrition on amount of (Subbotin) 6, 457, *rep.*

action of quinine on (Lanckester) 7, 346, *rep.*

crystalline, and derivatives, chemical and spectroscopic study of (*monograph*) (Preyer) 6, 450-7, *rep.*

in alimentary canal in common leech (Stirling & Brito) 16, 446-57 (*blood of frog, newt and man*)

estimation, by spectroscopy (Preyer) 1, 358, *rep.*

formation in chick embryo (Harrison & Hamilton) 85, 422, *P.*

and methaemoglobin, properties (Preyer) 3, 465-7, *rep.*

in muscle (Lanckester) 6, 241, *rep. (gasteropods)*

nitrite sensitivity, effect of teratogenic and related dyes, rat (Metcalf) 95, 614, *P.*; 96, 420, *P.*

reaction, and metabolic derivatives of thalidomide (Metcalf) 97, 638-9, *P.*

riboflavine and the Walker carcinoma (Metcalf) 97, 622, *P. (rat)*

and serotonin (Metcalf) 99, 197-8, *P.*

nuclear, of the avian erythrocyte (O'Brien) 97, 484-5, *P.A.S.A.N.Z.*

isolation, involving partial electrocytolysis (O'Brien) 97, 488, *P.A.S.A.N.Z.*

oxidation sensitivity, effect of diet on, rat (Metcalf) 95, 452, *P.*

increased, in children, pregnant women and patients with malignant disease (Metcalf) 95, 285, *P.*

radiation and growth rate, rats (Metcalf) 95, 607, *P.*

preparation of urinary pigments from (Hoppe-Seyler) 9, 440-1, *rep.*

reduced, fluorescent product of (Stockvis) 6, 457, *rep.*

variations, in different age groups and species of animals including man (Quinquand) 8, 196, *rep.*

Haemoglobinuria, after curarine (Tillie) 25, 550-1 (*rabbis*)

Haemolysis, in relation to blood gases (*in vitro*) (Landois) 9, 229-30, *rep. (rabbit, guinea-pig)*

Haemopoiesis, in fishes (Yoffey) 63, 165, *P. (t.o.)*

foci, of liver, distribution in infants (Emery) 90, 293-7 (*430 cases*)

in mammalian embryo liver (Havet) 60, 233-58

and haemopoietic organs, lymph glands, nodes and thyroid gland, researches into (Gibson) 20, 100-13; 20, 324-53; 20, 456-74; 20, 674-91 (*dog*)

hepatic, foetal, changes (Thomas, Russell & Yoffey) 94, 576-7, *P.*

in marrow (Bizzozero) 3, 460-1, *rep. (man, pig)*

maternal, in placenta of rat (Wilson) 61, 514, *P. (dem.)*; 61, 490, *P. (t.o.)*

in teleostean fishes (Duthie) 72, 143, *P.*

Haemorrhage(s) after ligation of vessels, 8, 403, *rep.*

repeated, effects on cardiac muscle (Perl) 8, 407, *rep. (dogs)*

pulmonary, following cerebral injury (Nothnagel) 8, 397-8, *rep. (rabbit)*

in insane (Jehn) 9, 232-3, *rep.*

Hag-fish, *see Myxine glutinosa*

Hair, axillary and pubic, possible function (Robinson) 26, 254-7

cells, cortical, structure, bandicoot (*Perameles nasuta*) (Molynieux) 97, 488, *P.A.S.A.N.Z.*

relationship of nucleolar size to protein synthesis (Sims) 100, 577-83 (*rat*)

development, on eyeball of dog (Dobson) 14, 143

in vitro, with observations on pigmentation, mouse (Hardy) 83, 364-84

growth, rabbit (Whiteley) 92, 563-7

rats (Durward & Rudall) 83, 325-35; 84, 66, *P.*

effect on distribution of cutaneous blood flow, rabbit (Thorburn *et al.*) 99, 954, *P.A.S.A.N.Z.*

rates and duration, albino rat (Priestley) 100, 147-57

rhythm, rat (Durward & Rudall) 80, 230, *P.*

and hair follicles, curved, Negro (Stuart) 16, 362-3

electron microscopy (Rogers) 90, 569, *P. (man, mouse, rabbit, sheep)*

innervation (Stieda) 8, 175, *rep.*

natural curling (Thomson) 33, xxvi, *P.*

nerve-endings on (Hoggan & Hoggan) 27, 224-31 (*numerous mammals including man*)

Subject Index

Hair, (cont.)

- nuchal, and prediction of sex (Mawe) 45, 420-5
 number, size and distribution, in rabbit ear (Weddell & Pallie) 89, 175-88
 occipital vortex, 32, 788-9, *rep.*
 pigment patterns (Holmes) 443-4, *P.*
 pubic and axillary, possible function of, in man (Robinson) 26, 254-7
 replacement, rabbit (Whiteley & Ghadially) 88, 13-18
 slope (Kidd) 35, 305-22; 35, *iv*, *P.*
 in the frontal region (Bolk) 58, 206-21; (Jones) 59, 80-2
 arrangement (Kidd) 36, xxx-xxxiii, *P.*
 tactile, nerve fibre endings in relation to (Schöbl) 7, 330-1, *rep.* (*mammals, including bats and mice*)
 tracts, animals (Jones) 59, 72-9
 Australian aboriginal (Gray) 69, 206-25
 dorsal, Australian aborigine (Wood Jones) 69, 91-2
 prenatal development in Primates (Brandt) 72, 166, *P.*
 tension lines and cleavage lines in man (Wood Jones) 75, 248-50
 vibrissa-like of leg, rabbit, innervation (Weddell) 84, 69-70, *P.*
whorl, *see* Whorl
Halichoerus (grey seal), external features and viscera of (Hepburn) part I, 30, 413-19; part II, 30, 488-501
Halichoerus grypus (grey seal) found in Scotland, note on (Turner) 4, 270-1
 edentulous condition of the skull (Turner) 7, 273-4 (grey seal) growth (Amoroso & Mathews) 85, 427-8, *P.*
 placenta and membranes, foetal (Harrison, Amoroso & Matthews) 86, 487-8, *P.*
Halicore dugong, osteology (Krauss) 5, 384, *rep.*
Halle, John, the 16th century anatomist (Smith) 34, 275-82
Hallux, abnormal development (Naish) 60, 480, *P.*
 centre of ossification, 10-month-old girl (Atkinson) 59, 1-3, *S.P.*
 distinctions, comparative (Wood Jones) 63, 408-11
 gigantism, bilateral, 33, 524, *rep.*
 movement, range (Joseph) 88, 558, *P.*
 normal orientation and effect of footwear (Barnett) 96, 489-94
 pentadactylous pes in Dorking fowl (Cowper) 20, 593-5
 phalanx, terminal (Wilkinson) 88, 537-41
 position, normal (Griffiths) 36, 344-55; 36, *xliv*, *P.*
 in West Africans (Barnicot & Hardy) 89, 355-61
Hamates, divided and divided trapezoids, 1 case (Partridge) 59, 60-1, *S.P.*
Hamster, golden, development, early (Samuel) 76, 228, *P.*
 gland, submaxillary (Devi & Jacoby) 100, 269-85
 implantation, early, demonstration (Hamilton) 76, 229, *P.*
 living ovum, demonstration (Samuel) 76, 229, *P.*
 see also *Cricetus auratus*
Hand, *The hand: its anatomy and diseases* (Byrne) 1959, 93, 554, *rev.*
The principles of anatomy as seen in the hand (Wood Jones) 1920, 55, 78, *rev.*; 2nd ed. 1941, 76, 407-8, *rev.*
 arteries, in primates (Manners-Smith) 45, 23-64
 artificial, improved, demonstration (Kirk) 59, 1, *S.P.*
 congenital malformations, 42, 138, *rep.*; 43, 124, *rep.*; 44, 105, *rep.*
 absence with absent forearm and right femur (Barwell) 34, 421, *rep.*
 and forearm, (Savage) 35, *xix*, *P.*

- similar to brachydactyly (Stacey) 72, 456-7
 'club', rare type (Jones & Roberts) 60, 146-7
 with thoracopagus monosymmetros (Forbes) 72, 148, *P.*
 and of feet (Manson) 58, 250-3
 and fusion, arm, malformation, (Jolly) 26, 440, *rep.*
 (Dwight) 27, 423-4, *rep.*
 and forearm, hypertrophy (Galvani) 30, 462-3, *rep.*
 hereditary (Turner) 18, 463-4, *anat. not.*
 hypertrophy left, (Ewald) 7, 332, *rep.* (*man*)
 and multiple, forearm, 38, 371, *rep.*
 lobster-claw, 38, 371, *rep.*
 subluxation, 31, 463, *rep.*
 creases, skin palmar, in man and anthropoid apes (Hepburn) 27, 112-30
 dorsum, anatomy (Smith) 31, 45-58; 31, *xii-xiii*, *P.*
 innervation, and reference to variations (Hutton) 40, 326-31
 of Insectivora (Haines) 88, 557, *P.*
 mechanism (Kirk) 58, 228-30
 morphological value and relations (Wilder) 2, 404-5, *rep.*
 movements, prehensile (Napier) 89, 564, *P.*
 muscles, intrinsic, in marsupials (Young) 14, 149-65
 (*opossum, wallaby, yellow-footed rock kangaroo, wombat, koala*)
 nerves, recurrent sensibility (Richet) 10, 633, *rep.*
 ossification of bones (Brailsford) 77, 170-5
 prehensile, types (Haines) 92, 671-2, *P.* (*mammals*)
 remains of praepollex and post minimus in (von Bardeleben) 29, 467-8, *rep.*
 skeleton, extended (Virchow) 33, 350 (*ref. only*)
 see also Limb, upper, individual bones and sesamoid bones; disorders of hand and fingers; Radiology; Ridges, papillary
Handedness, left, with transposition of viscera (Pye-Smith) 5, 380-1, *rep.*
 in relation to bilateral asymmetry (Tuckerman) 19, 307-8
 right (Wilson) 6, 444, *rep.*
 relation to eighth true rib (Cunningham) 24, 127-9
 (14/70 cases)
 and left (Hollis) 9, 263-71
 and scrotal asymmetry, 486 subjects (Chang *et al.*) 94, 543-8
Handwriting, cortical representation (Shellshear) 68, 152, *P.* (*l.o.*)
Hanging, judicial, fracture of cervical vertebrae (Paterson) 24, *ix*, *P.*
Hapale jacchus, development (Hill) 60, 486-7, *P.*
Haplorhini, *Primates*. Part 2. *Haplorhini: tarsioides* (Osman Hill) 1955, 89, 554-5, *rev.*
Hare-lip, 31, 458, *rep.*; 44, 101, *rep.*
 anatomy (King) 88, 1-12; 87, 447, *P.*
 with angioma, 32, 788, *rep.*
 cleft palate and failure of development of pinna, in one foetus (Hirschberg) 27, 418, *rep.*
 geographical incidence (Murray) 39, 504, *rep.*
 treatment, 40, 299, *rep.*
 with diaphragmatic hernia and branchial fibrochondromata, congenital, 1 case, 38, 368, *rep.*
 double, and bifid uvula, 35, 502, *rep.*
 with congenital absence of long bones (Stouffs) 34, 422, *rep.* (*1 case*)
 and cleft palate in 1 case (Busachi) 27, 418, *rep.*
 with mid-line tumour, 35, 503, *rep.*
 median, 1 case, 40, 298, *rep.*
 relation to absence of upper lateral incisor, 40, 298, *rep.*
Harvey, and Cesalpino (Harveian oration by Johnson) 17, 125-8

Subject Index

- Hatteria (Rhynchocephalus Owen)* anatomy (Günther) 2, 403-4, *rep.*
- Hatteria punctata* (sphenodon punctatus), brain malformation, 1 case, 42, 137, *rep.*
- Hausas, (Reid) 36, 93, *A.U.A.A.S.*
- Haversian canals, evolution (Crawford) 74, 284-99
- Haversian systems, *see* Systems, Haversian
- Hawaii, skulls (Allen) 33, 356 (*ref. only*)
- non-metrical morphological characters for racial diagnosis (Jones) 65, 368-78
- Head, *A frontal section anatomy of the head and neck* (Kampmeier, Cooper & Jones) 1957. 92, 167, *rev.*
- Radio-anatomie générale de la tête* (Anbanian & Porot) 1955. 90, 459-60, *rev.*
- Surgical anatomy of the head and neck* (Barnhill) 1937. 73, 198, *rev.*
- Detailed atlas of the head and neck* (Truex and Kelever) 1948. 83, 283-4, *rev.*
- aboriginal, Australian measurements (Burkitt & Lightoller) 57, 295-312
- absence, *see* Acephaly
- Callorhynchus antarcticus* (Kesteven) 67, 443-74
- development, *Zur Entwicklungs-geschichte des Kopfes des menschen und der höheren Wirbelthiere* (Dursy) 1869. 3, 444, *rev.*
- double, *see* Opodymus
- formation in Chordates (de Lange) 70, 515-47
- Indian, shrunken, post-mortem (Page) 31, 252-61
- of lobster (Young) 14, 348-50
- malformed, calf, 43, 119, *rep.*
- morphogenesis, *Crocodylus porosus* (Meek) 45, 356-77
- tissue, trabecular, presumptive, development, chick embryo (Silver) 94, 577, *P.*
- and neck, teratology; 34, 413-16; 35, 502-3; 36, 302-4; 37, 305-6, *rep.*; 38, 365-6, *rep.*; 39, 503-4, *rep.*; 40, 298-9, *rep.*; 44, 98, *rep.*
- muscles, *see* Muscles
- orang (Keith) 44, i, *P. (dem.)*
- prechordal portion, development, vertebrate (Allis) 72, 584-607
- racial characteristics of form (Wilson) 4, 300, *rep.*
- reconstruction, ferret embryo (Radford) 45, 336-46
- 30-mm embryo, description (Fawcett) 44, 303-11
- rotation (Koster) 2, 434 (*n.*)
- size and shape, relation to intelligence (Gladstone) 37, 333-46; 37, xxxix, *P.*
- and skull, measurements, 160 subjects (Duckworth) 51, 167-79
- South African, modern, comparison (Stibbe) 61, 515-16, *P. (dem. only)*
- teratological literature on (Windle) 34, 413-16
- see also* Head and neck, teratology
- undecalcified, serial sectioning (Roberts & Hoyte) 92, 650, *P. (animal)*
- Headform, and evolution (Abbie) 81, 233-58
- see also* Skull, Craniometry
- Healing, *Wound healing* (Slome, editor) 1961. 96, 409, *rev.*
- process (Hamilton) 13, 518-45
- under antiseptic dressing (Foulis) 14, 456-60
- see also* Regeneration; Wound
- Hearing, defects of, for certain consonants and high notes, 10, 634, *rep.*
- Helmholtz theory, modification (Gray) 34, 324-50
- limits (Love) 23, 336-9
- physiology (Lucas) 9, 220, *rep.*
- a new theory of (Rutherford) 21, 166-7, *phys. not.*
- organ of, and central nervous system of *Cephalopoda* (Owsjannikow) 3, 204, *rep.*
- of certain common molluscs (Gulliver) 4, 79-81
- in *Gastropoda* (Leydig) 6, 443, *rep.*
- Primatologia*, vol. 11, 5, Lieferung (Hofer, Schultz & Starck) 1960. 95, 145, *rev.*
- of *Rhytina Stelleri* (Claudius) 3, 204, *rep.*
- vertebrate, origin, from study of *Ammocoetes*, part x (Gaskell) 36, 164-208
- physiology (Meyer) 9, 416, *rep.*
- Heart, *Das Herz des Menschen* (ed. by Bargmann & Doerr) 1963. 98, 140, *rev.*
- action (Paton) 8, 402, *rep.*; (Lutze) 8, 403, *rep.*
- with variations in arterial and venous pressure and temperature (Blasius) 6, 478, *rep. (frog)*
- mode in frog, radiology (Foxon & Walls) 80, 245-6, *P.*; 81, 111-17
- and sounds of (Collier) 22, xiii, *P.*
- of aconitin on (Lewin) 10, 209-10, *rep. (frog, rabbit)*
- of caffeine, meat extract and potassium on (Aubert & Dehn) 9, 222, *rep.*
- of calabar bean extracts on (Roeber), 3, 475-6, *rep. (animal)*; (Köhler) 8, 403, *rep.*
- of digitalin upon (Ackermann) 8, 227, *rep.*
- of digitalis on (Foster) 6, 500, *rep.*
- of vagus on (Metschnikoff & Setschenow) 8, 193, *rep. (turtle)*; (Meyer) 8, 404, *rep.*
- on contraction of (Nuël) 9, 222, *rep.*
- right and left (Trippier & Arloing) 11, 557-8, *rep. (ass, horse, rabbit)*
- adult, inhibitory action on early chick embryo (McKenzie & Sinclair) 96, 416, *P.*
- of Alligator, physiology (Mills) 20, 549-58
- in *Amphibia* (Fritsch) 5, 200, *rep.*
- arrest, reflex (Tarchanoff) 10, 636, *rep. (frog)*
- arrhythmia, experimental production (Heidenhain) 6, 480, *rep. (dog)*
- beat, (Guttmann) 10, 646, *rep.*
- position, apex, 51 cases (Ransome) 9, 137-44
- graphic recording, in health and disease (Landois) 11, 557, *rep.*
- initiation (Bernstein) 11, 549-50, *rep. (frog)*; (Merunowicz) 11, 549-50, *rep. (frog)*
- see also* Rhythm, cardiac
- blood-pressure (Fick) 8, 402, *rep.*
- blood supply, accessory, after coronary occlusion (O'Shaughnessy) 72, 626, *P. (dem.)*
- elephant (Osman Hill) 70, 386-98
- brain and living eye (Weaver) 93, 570, *P. (TV dem.)*
- calcium ion depletion, ultrastructural effects, rat (Muir) 100, 437, *P.*
- capillaries, (Meigs) 33, 243-7
- of ceratophrys (Rau) 58, 306-27
- circulation on walls of (Lannelogue & Power) 3, 207, *rep.*
- conduction, of excitation in (Engelmann) 10, 651-2, *rep.*
- conduction impulse, (Davies & Francis) 86, 302-9
- historical review of the causation (Guttmann) 14, 267-8, *abs.*
- mechanism, human embryo, 24 mm. (Jones) 67, 203, *P.*
- Lepidosiren paradoxa* (Jones) 67, 197-8, *P.*
- system (Davies) 64, 125, *P.*; (Blair & Davies) 69, 303-25; (Blair & Davies) 68, 151-2, *P. (disc. only)*
- bird (Davies) 64, 129-46; 64, 319-23
- glycogenic fractions, ox (Wilkinson, Kugler & Eccles) 94, 453, *P.*
- man and calf (Blair & Davies) 74, 137-8, *P.*
- marsupial (Blair, *et al.*) 77, 115, *P.*
- nerve elements (Blair & Davies) 67, 211, *P. (dem.)*
- nerves of cardiac nodes and the atrioventricular bundle (Bhargava & Williams) 98, 684, *P. (rabbit)*

Subject Index

Heart, conduction, system (*cont.*)

- salamander (Davies & Francis) 74, 138-9, *P.*
 ventricles (Abramson & Margolin) 70, 250-9
 (sheep, *ox*)
 tissue, *The specialized tissues of the heart* (edited by
 de Carvalho *et al.*) 97, 292, *rev.*
 in golden hamster (*Cricetus auratus*) (Walls) 76,
 359-68; 76, 224, *P. (t.o.)*
 impulse, histology (Bhargava & Williams) 98,
 693, *P. (rat, rabbit, guinea pig and cat)*
 innervation, mammal (Meiklejohn) 48, 1-18
 specialized, in common hedgehog (*Erinaceus*
europaeus) (Walls) 77, 294-8
see also Fibres, muscular, cardiac, Purkinje
 configuration, marsupial, rodent, carnivore, primate
 (Patten) 35, 71-82
 connections, muscular, between primary divisions,
 form and nature, vertebrate (Keith & Flack)
 41, 172-89; 41, ix, *P. (January 1907)*; 41, iii,
P. (June 1906) (t.o.)
 contracting, electrical phenomena in (Engelmann) 14,
 514-16, *anat. not. (isolated frog heart)*
 cardiac cycle (Vulpian) 9, 230, *rep. (curarized dog)*
 cystic degeneration of liver, spleen, kidneys, man aged
 77 years (Meigs) 27, 454-63
 demonstration, method (Welcker) 13, 268, (*t.o.*);
 comment by Turner, 13, 283
Dermochelys (sphargis) coriacea (leathery turtle)
 (O'Donoghue) 52, 467-80
 in *Bufo cinereus* and of pericardium, (Oellacher) 5,
 386, *rep.*
 development, sheep (Field) 80, 75-87; 80, 229, *P.*
 disorder functional (Jones) 23, 583-6
 displacement, wild teal (*Querquedula*) (Waterston)
 40, 303-4
 dissections, of embryonic insectivora and chiroptera,
 demonstration (Reagan) 81, 376, *P. (t.o.)*
see also Heart, sections
 diverticula (Arnold) 29, 466, *rep.*
 Ebers papyrus, notes (Ebers) 32, 775-8
 effects of constant current upon (Foster & Dew-Smith)
 10, 735-71 (*frog, toad, tortoise, dog-fish*)
 embryonic, ferret, (Yeates) 50, 15-16, *P. (June 1915)*
 earliest stage, and blood vessels, (Wang) 52,
 107-85
 endothelium, histology (Ranvier & Cornil) 3, 455, *rep.*
 ultrastructure, frog (Stehbens & Meyer) 99, 127-34
 in *Eunectes murinus* and *Tiliqua scincoides* (Rau) 59,
 60-71
 foetal, transitions in form of (Handyside) 4, 155, *rep.*
 ganglia (Schmiedeberg) 6, 227, *rep.*
 and heat, effect, chick embryo (Cleland) 11, 754
 (Brunton) 6, 236-7, *rep. (rabbit)*
 and poisons (Brunton) 10, 602-3 (*frog*)
 histology (Langerhans) 8, 173, *rep. (frog and human*
foetus)
 inhibition, in molluscs *Anodon* and *Helix* (Foster) 7,
 184, *rep.*
 innervation, *Die Mikroskopische Innervation des*
Herzens und der Blutgefäße von Vertebraten
 (Ábrahám) 1964. 99, 404, *rev.*
Cardiovascular innervation (Mitchell) 1956. 90, 457,
rev.
 innervation (Donders) 3, 245-6, *n.*; (Holmgren) 3,
 251, *n.*; (Schiff) 7, 347, *rep.*; (*disc. only*);
 (Woollard) 60, 345-73; 60, 483, *P.*
 preganglionic, cholinesterase content after vagotomy
 (Navaratnam *et al.*) 98, 287, *P. (rat)*
 from spinal cord (Cyon, E. and M.) 2, 410-11,
rep.
 and rhythm in sea turtles (Mills) 21, 1-20 (*Chelonia*
caretta, imbricata, mydas)

- of ventricle (Blackhall-Morison) 60, 143-5; 60,
 469-70, *P. (disc. only)*
see also Nerves, of heart
 isolated, aperiodic contractions in various conditions
 (Luciani) 8, 191-3, *rep.*
 work (Marey) 8, 190-1, *rep. (tortoise)*
 of kiwi (*Apteryx australis*) New Zealand (Adams) 73,
 668, *P.*
 of lizard (*Tiliqua scincoides*) 65, 137-9
 lymphatic system (Shore) 62, 125-34 (*sheep, rabbit,*
man); 63, 125-34 (*man*)
 malformations, 1 case (Hickman) 4, 306, *rep.*;
 (Howden) 26, xv, *P. (dem.)*; (Griffith) 30,
 460, *rep.*; (Windle) 33, 1-11 *P.*; (Keith) 33,
 li-lxiii, *P.*; (Richards) 33, liii-lv, *P.*; (Griffith)
 37, 255-7; 36, xxvi, *P. (dem.)*; (Nabarro) 37,
 382-91; 38, 367, *rep.*; 30 cases (Keith) 39,
 xiv-xvii, *P.*; 40, 299, *rep.*; 44, 101-2, *rep.*;
 (Blackhall-Morison) 59, 42, *S.P. (t.o.)*;
 3 specimens (Johnston) 59, 89, *S.P.*; (Jeffery)
 68, 134, *P.*; (Waterston) 69, 152, *P. (dem.)*;
 (Boyd) 72, 299-300
 multiple (Semple) 5, 380, *rep.*; 30, 460-1, *rep.*;
 1 case (Thiele) 37, xlv-1, *P.*; 43, 120, 121,
rep.; (Reid) 46, 86-8; six specimens (Keith) 46,
 211-14; 3-d-old infant (Gilliat) 50, 10-11, *P.*
 (March 1915); 2 cases (Gladstone &
 Reissmann) 50, 228-38; 50, 20, *P.*; (Monteiro)
 52, 335-42; (Harris) 57, 76-95;
 and of blood vessels (Dickson & Fraser) 48, 210-
 14 (*male 4-m-o child*)
 of septa valves and chambers (Trevor) 36, xlv-
 xlv, *P.*
 caval channels, posterior, bifurcation in eutherian
 foetus (Amoroso, *et al.*) 76, 240-7
 development and pathology, *Missbildungen des*
Menslichen Herzens: Entwicklungsgeschichte
und Pathologie (Barthel) 1960. 95, 147-8,
rev.
 with abdominal viscera anomalies (Lawrence &
 Nabarro) 36, 63-75; 36, xxvi, *P.*
 cor biloculare, 1 case (Symington) 34, xiv-xvii, *P.*
 February 1900; 1 case (Rudolf) 34, xvii-xx, *P.*
 February 1900; 37, 367, *rep.*; 39, 395, *rep.*
 (Wright); 64, 120, *P. (1 specimen)*
 (functional) infant, 6m. (Durward & Schuster)
 71, 137-8, *P.*
 classification and cor triloculare biatriatum,
 (Reagan) 88, 560, *P.*
 and development of pulmonary veins (Davies &
 MacConaill) 71, 436-46; 71, 153, *P. (disc.*
only)
 cor pulmonale with abnormal great vessels
 (Cameron) 5, 339-41 (*child*)
 cor triloculare, 38, 367, *rep.*
 1 case, age 16 years (Letulle) 39, 505, *rep.*; 43,
 121, *rep.*
 (single) 1 case (Probyn-Williams) 28, 305-8
 univentricular or tricoelian, 1 case (Elliot) 11,
 302-6
 cor triloculare biatriatum (Gullan) 43, vi-vii
 (March 1908)
 male 35 years (Young) 41, 190-7; 41, vii, *P.*
 (November 1906)
 coronary artery, left communicating directly with
 cavity of left ventricle near apex (Reid) 57,
 12-17 (*ox*)
 in human embryo, model (Patten) 65, 174-5, *P.*
 and genito-urinary anomalies in same subject
 (Blackhall-Morison & Shaw) 54, 163-5
 involving great vessels (Martin) 65, 395-8, *anat.*
not.; (Freyberger) 30, xix-xx, *P. (1 case)*

Subject Index

Heart, malformations, (cont.)

- gross anomaly, female, 20 years (Birmingham) 27, 139-50; 27, ix, *P.*
- infundibular region, 2 cases (Black) 48, 274-9
- in the insane (Simpson) 32, 679-86
- orifices, aortic, and pulmonary (Peacock) 5, 380, *rep.*
- including complete atresia (Blakeway) 52, 354-62
- two cases of pulmonary artery and aorta communicating with both ventricles (Peacock) 4, 306, *rep.*
- Rana temporaria* (Groomer) 67, 620-1, *anat. not.*
- septal, (Taruffi) 26, 438, *rep.* (1 case); (Rokitansky, trans. by Priestley) 10, 780-5
- with transposition of aorta and pulmonary arteries (Griffith) 29, xiv-xvii, *P.*; discussion on, with relation to hearts of *Sauropsida* (Howes) 29, xvii-xviii; *P.*
- apical defect of (Duckworth) 11, 183 (*child*)
- atrial (Wagstaffe) 5, 380, *rep.*
- sinus venosus type (Harley) 92, 647, *P.*
- 1 case, (Griffith) 33, 261-2
- with patent foramen ovale and aortic stenosis (Greenfield) 24, 423-33
- two openings (Thompson) 37, xxxvi-xxxix, *P.*
- with associated venous anomalies (Hepburn) 21, 438-43
- ventricular (Finet) 29, 466, *rep.*
- 2 specimens (Griffith) 43, iii, *P.* (July 1907) (*t.o.*)
- case without cyanosis (Griffith) 31, xviii-xx, *P.*
- patent, 38, 367, *rep.*
- and variation of vessels, 1 case (de Renzi) 23, xxiii-xxiv, *P.*
- and wall (Meyer) 48, 123
- with single arterial trunk, infant, 14 days (Davison) 69, 423-6
- transposition, corrected (Stibbe) 71, 139, *P.*
- of large vessels (Johnston) 63, 159, *P.* (*t.o.*)
- with transposition of aorta and pulmonary artery, 1 case (Sanders) 27, 464-73
- foetal, (Keene) 59, 17-18, *S.P.*
- of ventricles and arterial stems (Walmsley) 65, 528-40 (1 case)
- with transposition of viscera (Griffith) 25, xviii, *P.*; (Fitzgerald) 93, 570, *P.*; (Boyd) 71, 155, *P.*
- and great vessels, abnormal position, (Stokes) 43, 301-7
- transposition, *see also*, Viscera, transposition
- triatrial, 1 case 42, 137, *rep.*
- produced in the offspring of trypan blue injected rats (Christie) 95, 614, *P.*
- with vascular anomalies (Morison) 62, 227-31 (1 case); 61, 509, *P.* (*t.o.*)
- ventricle, single (von Thaden) 3, 203, *rep.*; (Arnold) 3, 203-4, *rep.*
- of *Menobranchius lateralis* (Huxley) 9, 406, *rep.*
- moderator band in Cassowary (Rolleston) 8, 173-4, *rep.*
- morphogenesis, in quadrupeds (Reagan) 81, 372, *P.*
- morphology (Keith) 37, ii-xxxvi, *P.*
- movements, duration and sequence of, in a case of sternal fissure (Gibson) 14, 234-40
- instrument for recording (Roy) 13, 124-5, *rep.*
- involuntary (Foster) 4, 325, *rep.*
- relation of muscles to (Keith) 43, iii, (July 1907) (*t.o.*)
- muscles, *see* Muscles, cardiac
- nerves, *see* Nerves, of heart
- nerve endings in, *see* Nerve endings

- orifices, aortic, law relating to (Davies) 4, 301-2, *rep.*; (Trotter) 4, 295-9
- mitral, pulmonary and tricuspid, position (Robinson) 34, xxxi, *P.* May 1900
- origin, in *Felis domestica* and blood vessels (Watson) 58, 105-33
- percussion and radiology, comparison, in locating borders, (Mainland) 72, 154-5, *P.*
- physiology of in snake (Mills) 22, 1-8 (*Tropinodatus*)
- rate, effect of blood pressure on, (Bernstein, von Bezold, Stezinsky) 1, 360, *rep.*
- effect of intra-cardiac pressure (von Bezold and Stezinsky) 2, 409, *rep.*
- effect of stimulation of cerebrum on (Lépine) 11, 187, *rep.* (*curarized dog*)
- in relation to intracardial pressure and activity of vasomotor nerves and cervical spinal cord (Knoll) 9, 225-7, *rep.* (*cyanized rabbit*)
- rate, and rhythm of beat, in relation to blood-pressure, (Tschiriew) 11, 550-1, *rep.*
- relation to cortex of suprarenal gland (Harrison) 80, 239, *P.*
- reptilian (Goodrich) 53, 298-304
- revascularization, film (Beattie, O'Shaughnessy & Slome) 72, 619, *P.*
- rhythm, *see* Rhythm, cardiac
- rupture (Flett) 62, 438-75
- sections, entire (Blair & Davies) 71, 141, *P.* (*t.o.*)
- see also* Heart, dissections
- septa, formation in chick (Takahashi) 57, 168-77
- inter-atrial development (Arnold) 5, 377, *rep.*
- structure and innervation (Champneys) 8, 340-52
- interventricular, pars membranacea (Bochdalek) 3, 200, *rep.*
- pars membranacea, development, (Odgers) 72, 247-59
- see also* Heart, malformations; Pars
- snail, structure (Darwin) 10, 506-10
- sounds, (Paton) 5, 402, *rep.*; 8, 402, *rep.*
- and action (Collier) 22, xiii, *P.*
- and arterial, causes of (Heynsius) 13, 407-9, *rep.*
- first (Bayer) 6, 212, *rep.*; (Dogiel & Ludwig) 3, 207, *rep.*; (Hermann) 3, 207, *rep.* (*dog*); (Guttmann) 4, 186, *rep.*; (Barrett) 18, 270-4
- rhythm (Donders) 2, 432 (*n.*)
- stimulation, electrical, direct (Mayer) 8, 403, *rep.* (*mammal*); (Mayer) 9, 416, *rep.*
- sensory, effect on function and nutrition (Simanowsky) 16, 144-5, *rep.*
- of the cerebral cortex, effects on (Lépine, Rochefontaine & Tridon) 10, 620, *rep.* (*dog*)
- temperature (Stricker & Albert) 7, 358, *rep.*; 8, 427, *rep.*
- of blood in right and left ventricles (Bernard) 8, 431, *rep.*
- ventricular (Rosenthal) 6, 482, *rep.* (*animals*)
- in walls and cavities of (Albert & Stricker) 9, 247, *rep.* (*expts.*)
- in *Tiligua scincoides* and *Eunectes murinus* (Rau) 59, 60-71
- valve of foramen ovale (Humphry) 3, 80
- ventricles, *Der funktionelle Bau der Herzkammern* (Puff) 1960. 94, 446-7, *rev.*
- muscular architecture, vertebrate (Shaner) 58, 59-70
- structure, mammalian, in (Brown) 23, 250-5
- 'wax-like' disease (Hamilton) 18, 54-9
- work (Haughton, Buchanan) 5, 402, *rep.*
- see also* Atria and other parts; Systole
- Heat, absorption during incubation of eggs (Moitissier) 7, 185-6, *rep.* (*chick*)

Subject Index

Heat, (cont.)

- development in nerves and nerve centres (Schiff) 6, 223, *rep.*
 effect on heart action, in chick embryo (Cleland) 11, 754
 effect of on vagus and heart (Brunton) 6, 236-7, *rep.* (rabbit)
 influence on animals (Bernard) 6, 236, *rep.* (rabbit, frog, birds)
 influence on pars nervosa, mouse (Cullingham) 94, 363-74
 production, and carbon dioxide and urea, in normal and febrile states (Senator) 6, 486-7, *rep.*
 and effects of exposure to cold (Draper) 8, 429-30, *rep.*
 in tissue metamorphosis (Senator) 7, 357, *rep.*
see also Metabolism; Animal heat
- Hebrideans, New** (Lawrie) in *Scottish Geographical Magazine*, June, 1892. 29, 141, 142, *rev.*
 anthropological notes on (Somerville) in *J. Anthropol. Inst.*, May, 1894. 29, 144, *rev.*
- Hedgehog**, brain, histology, use of Eddinger apparatus (Appajee) 70, 196-7, *P.*
 gland, hibernating, chemical studies and changes during hibernation (Carlier & Lovatt Evans) 38, 15-31
 lacrimal (Hurst) 55, 49-55
 hibernating, pancreas (Carlier) 30, 334-46
 ova, ovarian (Carlier) 33, 304-8
see also *Centetes*, *Erinaceus*, *Gymnura*, *Hylomys*
- Height**, auricular, comparison of determinations (Todd) 59, 390-3
 measurements of long bones in reconstruction of, in pre- and proto-historic races (Rahon) in *Mémoires de la Soc. d'anthropologie de Paris*, 2nd series, vol. iv, 1893. 29, 142, 144, *rev.*
 and weight, relation between (Hermann) 11, 568, *rep.*
 weight of brain in relation to (Marshall) 26, 445-500 (1875 cases)
- Helix**, inhibition of heart in (Foster) 7, 184, *rep.*
see also *Mollusca*
- Helmholtz**, hearing theory, modification (Gray) 34, 324-50
- Hemianopsia**, and crossing of optic nerves (Mandelstamm) 9, 219, *rep.*
- Hemicardius**, one case, 44, 97, *rep.*
- Hemicephaly**, 43, 117, *rep.*
 human, 18 mm. description (Ströer & van der Zwan) 73, 441-50
- Hemidecortication**, thalamus after, cat (Waller) 72, 475-87
- Hemimelia**, 1 case (Deboux) 27, 423, *rep.*; 31, 463, *rep.*; 37, 309, *rep.*; 2 cases 38, 370-1, *rep.*; 44, 107, *rep.*; cat, 43, 125, *rep.*
 changes in central nervous system in (Variot) 26, 439, *rep.*
 radial, and the functional anatomy of the carpus, (O'Rahilly) 80, 179-83; 80, 232, *P.*
 right thoracic, 1 case, 42, 139, *rep.*
- Hemiplegia**, infantile, 33, 512, *rep.*
 and microcephaly, central nervous system and skull in both, skeleton in one (Thomson) 28, 419-44
 following injury of motor cortex of brain (Coats) 13, 104-8
 (left) associated with atrophy of right cerebral hemisphere, 1 case (Howden) 9, 288-96
- Hemispheres, cerebral**, *Anatomie comparée du cerveau* (Friant) c. 1945. 81, 334, *rev.*
 anatomy, surface (Cunningham) 1892. 27, 288-9, *rev.*
 atrophy of right and atrophy of left cerebellum (Gray) 11, 353
 and left half of body (Brockman) 10, 786-7

- cauterisation (Brown-Séquard) 10, 619-20, *rep.* (guinea-pig)
- cell masses, New Zealand kiwi (*Apteryx australis*) (Durward) 66, 437-77
Leiopisma grande (Robinson) 100, 942, *P.A.S.A.-N.Z.*
- configuration, external, chimpanzee (Walker & Fulton) 71, 105-16
- embryonic (Hines) 55, 292
- of emu (*Dromiceius novaehollandiae*) (Craigie) 69, 380-93
- extroversion, human embryo (Hunter) 69, 82-5; 69, 142, *P.*
- of gorilla (Clark) 61, 467-75; 61, 489-90, *P.*
- hypertrophy, with co-existent atrophy of left side of body (Tuke) 7, 257
- junction with third ventricle, development (Sharp) 92, 647, *P.* (man, pig, rat, rabbit)
- of kiwi (*Apteryx australis*) (Craigie) 69, 380-93
- in *Lacerta viridis* (Goldby) 68, 157-215; 71, 332-55
- in lemurs (Gervais) 6, 444, *rep.*
- structure (Broadbent) 4, 157-8, *rep.*; 4, 302-3, *rep.*
 of *Ornithorhynchus paradoxus* (Turner) 26, 357-61; 26, vii, *P.*
- structure (Smith) 30, 465-87
- and ventricle, third, junctional region (Sharp) 93, 159-68 (mammalian embryos)
- unequal weight of (Bourneville) 33, 352 (*ref. only*)
see also Brain; Cerebrum; Centrum ovale; Sulcus, sulci, cerebral
- Hemitherium posterius**, 43, 120, *rep.*
- Hen**, *see* Fowl; *Gallus domesticus*
- Heparin**, in the placental circulation (Bacsich) 80, 231, *P.*
- Heredity**, *Heredity and eugenics* (Gates) 1923. 61, 263, *rev.*
Heredity in man (Gates) 1929. 64, 541, *rev.*
Hereditary disease (Siemens) 1921. 56, 162-3, *rev.*
 embryological basis, 36, 297, *rep.*
- Hermaphroditism** (Rawdon) 2, 400, *rep.*; (Schultze) 3, 203, *rep.*; (Friedreich) 3, 456, *rep.*; (Goujon) 4, 306, *rep.*; 5, 382, *rep.*; 6, 447-8, *rep.* (eel); 7, 338, (eel), *rep.*; 26, 435-6, *rep.*; 30, 452, *rep.*; 33, 521, *rep.*; 34, 420, *rep.*; 36, 299, *rep.*; 37, 301, *rep.*; 38, 363, *rep.*; 39, 499-500, *rep.*; 43, 121, *rep.*; 40, 294, *rep.*; 44, 98, *rep.*; (Girgis) 57, 251-61; (Girgis) 58, 379-81; 2 cases (Girgis) 59, 55, *S.P.*; (Rutherford) 64, 121-3, *P.*
 of ancients (Meige & Féré) 30, 452-3, *rep.*
 with anus, imperforate 37, 307, *rep.*
 asymmetry in reproductive organs in pigs (Baker) 60, 374-81
 classifications 37, 300, *rep.*
 in cod-fish (*Morhua vulgaris*) and herring (*Clupea harengus*) (Smith) 4, 256-8
 in dogfish (*Scyliorhinus canicula*) (Murray & Baker) 58, 335-9
 in frogs (Kent) 19, 447-50; (Marshall) 18, 121-44; (Smith) 24, 218-19; (Cole) 30, 462, *rep.*; 42, 136, *rep.*; (Goodall) 42, 33-42; 43, v, *P.* (November 1907) (*t.o.*)
 genital organs (Girgis) 60, 472, *P.* (*t.o.*)
 in twin goats (Rickards & Wood Jones) 52, 265-75
 in mammals (Low) 59, 67, *S.P.* (*dem.*)
 1 case, man with uterus (Gray) 93, 575, *P.*
 with sarcoma of undescended testis (Primrose) 33, 64-75
 in mole, with external genitals (Brown) 58, 355-8
 pig, 1 case, (Hammond) 46, 307-12
 histology and developmental significance (Brambell) 63, 397-407
 pseudo, 3 cases, 38, 363-4, *rep.*; 39, 499, *rep.*; (Smout) 80, 216, *P.*

Subject Index

- Hermaphroditism, (cont.)**
 shrew, lesser, anatomy and histology (Brambell & Hall) 70, 339-48
 reproductive system, pregnant rabbit (Sheppard) 77, 288-92
 true, with normal male chromosome complement (Atwell & Farrington) 97, 144, P.
see also Freemartin, Intersexuality
- Hernia, Anatomy and surgery of hernia (Zimmerman)** 1953, 88, 544, *rev.*
 700 cases, East Africans (Ashley) 85, 418-19, P.
 abdominal, congenital (Jensen) 2, 402 *rep.*
 of adipose capsule of kidney, 1 case (Reid) 43, 349-50, *anat. not.*
 cerebral, 33, 518, *rep.*; 39, 500, *rep.*
 into descending mesocolon (McKenzie) 88, 410-12
 diaphragmatic, 25, 441; (Shea) 68, 131, P. (t.o.); 2 adults (Paterson) 29, xxi-xxii, P.; (Robinson) 34, xxix-xxx, P. (May 1900); 36, 304, *rep.*; 39, 506, *rep.*; 40, 299, *rep.*; adult cat (Holmes & Walls) 92, 663, P.; 1 case (Stibbe) 67, 194, P. (*disc. only*)
 central, (Briscoe) 62, 224-6 (*cat*)
 congenital (Balfour) 3, 457, *rep.*; 33, 520, *rep.*; 2 cases (Hunter) 61, 487-8, P.
 with accessory lungs, 1 8-month foetus (Cockayne & Gladstone) 52, 64-96; (Cockayne) 51, 8-9, P. (June 1916)
 malformation (Gruber) 4, 161, *rep.*
 true complicated by volvulus, female, 53 years (Meyer) 48, 153
 with hare-lip and fibrochondromata, branchial, 1 case, 38, 368, *rep.*
 pericardio-peritoneal communication (O'Brien) 74, 131-4, *anat. not.*
 in primates (Beattie) 61, 488, P.
 of stomach (Knaggs) 39, 506, *rep.*; (Barclay-Smith) 32, 341-52; 32, xxvi, P. (t.o.)
 duodenal (Dow & Kirkpatrick) 63, 165-6, P.
 encephalic, with cyclopia, foetal (Watkin-Thomas) 44, 57-63
 femoral, anatomy, Bengal Indians (Pan) 65, 541-7
 etiology (Panton) 57, 106-46
 hiatus, oesophageal (Walls) 87, 459, P.
 inguinal, transversus abdominis muscle in relation to (Douglas) 24, 220-6
 unusual (Jacobs) 69, 136, P.
 of uterine tube (Wiart) 34, 421, *rep.*
 internal, anatomical description (intraperitoneal hernia) (Chiene) 2, 218-22
 due to abnormal mesentery (Duhay) 7, 332, *rep.*
 obturator, (Richmond) 17, 537
 phrenical, partial, of cardia through hiatus oesophageal opening (Rigby) 36, xxxviii-ix, P.
 retroperitoneal (Pye-Smith) 5, 382, *rep.*; 1 case (Fleming) 57, 366-74; 59, 63, S.P. (t.o.); 1 subject (Pan) 70, 179-83, *anat. not.*
 in relation to vermiform appendix and caecal recesses (Lockwood & Rolleston) 26, 130-48
 subperitoneal, internal (Donald) 64, 112, P.
 umbilical, *see* Omphalocele
 ventero-lateral, congenital, 35, 504, *rep.*
- Herpes, neural transmission, and of rabies (Field)** 85, 411-12, P.
Herpes zoster, relation to cutaneous nerves of trunk Griffiths & Oliver 24, iii, P.; 24, xi-xii, P.
Herpestes (mongoose), gland, prostate (Siddiqi) 81, 123-6
Herring, communication between the air-bladder and cloaca in (Bennett) 14, 405-6
see also, Pisces, British Clupeoid; *Clupea harengus*
- Hesperidin, phosphorylated, growth rate and fertility of prepubertal mice, effect (Bacsich & Young),** 88, 547, P.
Heteralocha gouldi, (Huia bird) anatomy (Garrod) 7, 337, *rep.*
Heterochromia iridis, 42, 137, rep.
Heterodontidae, arch, branchial, sixth vestigial, (Hawkes) 40, 81-4
Heterografts, see Grafts, grafting
Heteromyidae, (Rodentia & Sciuromorpha) auditory apparatus (Pye) 99, 161-74
Hexadactyly, 33, 522, rep.
 in *Gallus domesticus* (Cowper) 23, 242-8
 and phalangeal variations in amniota (Howes and Hill) 26, 395-403
Hexanchus corinus, anatomy, lymphoid organ (organ of Leydig) and spleen (O'Donoghue & Bolton) 61, 40-63
Hexanthus, cranial nerves (Gegenbaur) 6, 448, *rep.*
Hiatus, oesophageal, of diaphragm, with description of oesophageal hiatus hernia (Walls) 87, 459, P.
 lateral pelvic of Schwalbe, demonstration (Elliot Smith) 43, i, P. (June 1908) (t.o.)
- Hibernation, see Gland, hibernating; Hedgehog**
Hilum, hila, archaeologica anatomica (Macalister) 37, 293-7
Neurovascular hila of muscles (Brash) 1955, 90, 155, *rev.*
- Hind-brain, see Rhombencephalon**
Hind-gut, opening into cloacal chamber, child (Mackenzie & Robinson) 40, 409-11; 40, xiii, P. (t.o.)
- Hindus, bones, long, length, in proportion to height (Pan)** 58, 374-8
 female, measurements of pelvis (Pan) 63, 263-6
 gastro-intestinal tract (Pan) 53, 259-65; 54, 324-31
- Hip-bone, of gorilla (Duckworth)** 35, viii-ix, P.
 ossification (Fawcett) 40, xv-xvi, P.
- Hip joint, see Joints, hip**
Hippocampal formation cholinergic afferent pathways to, in experimental material (Shute & Lewis) 95, 287-8, P. (*rat*)
 fine localization of cholinesterase (Shute & Lewis) 99, 938, P.
- Hippocampus, Über die feinere Struktur des Ammonshornes (Ramon y Cajal) in Zeits. wissenschaft. Zool.** 1893, 56, 615; 28, 269-70, *rev.*
 (Hill) in Phil. Trans., B., 1893, 184, B., 389-429, 28, 269, *rev.*
 anatomy, gross internal (McCarthy) 33, 76-81
 and collateral eminence, variations in (Howden) 22, 283-8; discussion, 22, viii, P.
 commissural and septal connexions, histological and electrical studies, rabbit (Cragg & Hamlyn) 90, 591, P.
 and corpus callosum, relative position in placental mammals (Goldby) 74, 227-38 (*bat, cat, rat, mouse*)
 and cortex, prefrontal and cingulate, afferent connections between (Adey & Meyer) 86, 58-74 (*Cercopithecus sabaeus*)
 fibre degeneration following lesions of (Powell & Cowan) 89, 563-4, P.
 fibre endings, mossy, fine structure, rabbit (Hamlyn) 96, 112-20
 internal structure (MacCarthy) 33, ix, P. (t.o.)
 in *Phocaena phocaena* (porpoise) (Breathnach & Goldby) 88, 267-91
Hippocampus (sea-horse) dorsal fin muscles (Ranvier) 9, 406, *rep.*

Subject Index

- Hippopotamus**, glands, cutaneous, histology (Allbrook et al.) 93, 587-8, P.
 Liberian, see *Chaeropsis liberiensis*.
 placenta (Garrod) 8, 167, rep.
 visceral anatomy (Clark) 7, 336, rep.
- Hippopotamus amphibius**, size of erythrocyte in (Gulliver) 9, 392, rep.
- Hippopotamus minutus**, hinder end of skull (Pearson) 63, 237-41
 see also *Diprotodon*
- Hippuric acid**, in herbivora (Weiske) 11, 566, rep.
 source (Meissner & Shepard) 1, 359, rep.
- Hirsutism**, with hare lip (Reboul) 34, 413, rep.
 and precocious obesity, 43, 116, rep.
- His, Bundle of**, see Bundle, atrioventricular
- Histamine**, formation of lymph nodes in thymus after experimental injection, guinea-pig (Kotani et al.) 100, 585-91
- liberator**, compound 48/80, action on mast cells, rat (Riley) 99, 210-11, P. (dem.)
- Histochemistry**, *Methods of analytical histology and histo-chemistry* (Gurr) 1958. 94, 567, rev.
Histochimie animale, méthodes et problèmes (Lison) 1936. 70, 443-4, rev.
Histochemistry, theoretical and applied (Pearse) 1953. 87, 433, rev.
 see also Histology
- Histology**, *Textbook of comparative histology* (Andrew) 1959. 94, 280-1, rev.
Human histology. A textbook in outline form (Arey) 1957. 92, 319, rev.; 2nd ed. 1963. 98, 278, rev.
Histologie und mikroskopische Anatomie des Menschen, (Bargmann) vols. I & II, 1948 & 1951. 87, 324-5, rev.
An introduction to functional histology (Bourne) 1953. 88, 108-9, rev.
A text-book of morbid histology for students and practitioners (Boyce) 1892. 26, 575, rev.
Précis d'histologie: la cellule—les tissus—les organs (Brance & Verne) 1934. 69, 534, rev.
Atlas der Histotopographie gesunder und erkrankter Organe (Christeller) 1927. 62, 517, rev.
Human histology, a guide for medical students (Cooper) 1939. 74, 411, rev.
Bailey's Text-book of histology (Elwyn & Strong) 8th ed. 1932. 67, 624, rev.
The histology and histochemistry of man (Frey, trans. by Barker) 4th ed., 1874, rev.
A student's histology (Garven) 1957. 92, 630-1, rev.; 2nd ed. 1965. 100, 212, rev.
Lehrbuch der Histologie (edited by Goerttler) 29th ed. 1963. 97, 611, rev.
Methods of analytical histology and histo-chemistry (Gurr) 1958. 94, 567, rev.
Encyclopaedia of microscopic stains (Gurr) 1960. 94, 567, rev.
Histology (Ham) 1950. 85, 300-2, rev.; 2nd ed. 1953. 88, 111-12, rev.; (Ham & Leeson) 4th ed. 1961. 96, 305, rev.
Histology for medical students (Hartridge & Haynes) 1930. 65, 403-4, rev.
Atlas der normalen Histologie und mikroskopischen Anatomie des Menschen (von Herrath & Abramow) 1950. 85, 406-7, rev.
The atlas of histology, (Klein & Smith) 1880. 13, 424, rev.
Handbuch der Gewebelehre des Menschen (Kollicker) 1893, 6th ed., vol. 2, 1st part. 28, 380, 381, rev.; 6th ed., 2nd vol., 2nd part, 1896. 31, 162, rev.
Textbook of histology (Nonidez & Windle) 1949. 84, 58-9, rev.
- Kreislaufstörungen und pathologische Histologie* (Nordmann) 1933. 67, 625, rev.
Grundriss der Histologie und mikroskopischen Anatomie des Menschen (Petersen, edited by Körner) 1950. 86, 231-2, rev.
Histology (Ramon y Cajal, trans. by Fernán-Núñez, revised by Tello-Muñoz) 10th. ed. 1933. 68, 426, rev.
Traité technique d'histologie (Ranvier) 1875. 10, 435, rev.
Untersuchungen aus dem Institute für Physiologie und Histologie in Graz (ed. by Rollett) 1870. 4, 294, rev.
Schafer's Essentials of histology (ed. by Carleton & Short) 16th ed. 1954. 88, 435, rev.
Lehrbuch der Histologie und Histogenese (Schaffer) 3rd ed. 1933. 67, 486-7, rev.
Outlines of practical histology (Stirling) 1890. 24, 613, rev.
Handbuch der Lehre von den Geweben des Menschen und der Thiere (Stricker, ed.) part I 1868. 3, 444 (rev.); part II, 1869. 4, 148 rev.; part III, 1870. 4, 293, rev.; part IV, 1870. 5, 373, rev.; part V 1872. 6, 431, rev.
Manual of human and comparative histology (ed. Stricker, trans. Power) part I, 1870. 5, 191, rev.
An atlas of fetal and neonatal histology (Valdés-Dapena) 1958. 93, 141, rev.
 in the dissecting room (Bacsich) 72, 164-5, P.
 on the freezing process for section cutting: and on various methods of staining and mounting sections (Tait) 9, 249-58
 new techniques, celloidin and paraffin (Hunter) 20, 307-16
 preparation of sections of brain and spinal-cord (Bastian) 2, 104-109
 preparation of skin for (Stirling) 10, 185-6
 see also Techniques; Stains and staining; and headings throughout
- Histopathology**, *Experimentelle Histopathologie: ein Einführungskurs* (Meesen) 1952. 88, 264, rev.
- History**, *A short history of anatomy* (Hunter) 2nd ed. 1931. 66, 279, rev.
- Hodgkin's disease**, see Lymphadenoma
- Hog-deer**, see *Cervus porcinus*
- Holoacardius acephalus**, one case, 44, 97, rep.
- Holoacardius amorphus**, observations (Rashad & Kerr) 100, 425, P.
- Holocephali**, homologies of prechordal portion of skull in (Allis) 60, 335-40
 see also *Callorhynchus antarcticus*
- Hominoidea**, Miocene, *Fossil mammals of Africa*, No. 1. *The Miocene Hominoidea of East Africa* (Le Gros & Leakey) 1951. 85, 403-5, rev.
- Homogenates**, tissue, adult, effects on explanted chick embryo (Gogoi & McKenzie) 99, 418-19, P.
- Homografts**, see Grafts, Grafting
- Homology**, discussion of the use of the term homology (Lankester, Mivart) 5, 198-9, rep.
 of limbs (Wyman) 2, 404 rep.; (Wilder) 7, 334, rep.
 of muscle (Macalister) 3, 197 rep.
 flexor, of the vertebrate limb (Macalister) 2, 283-9
- Homothermy**, in higher animals (Adamkiewics) 11, 570, rep.
- Hormones**, *Das Hormon des Corpus Luteum* (Biologie, Chemie und Klinik) (Fels) 1937. 71, 551, rev.
 beta melanocyte stimulating, of pituitary gland, effect on the melanocytes and melanin in the skin (Snell) 97, 142, P. (guinea-pig)
 chorionic gonadotropic and anterior pituitary, effect on female guinea-pig (Bacsich & Wyburn) 80, 236-7, P.

Subject Index

Hormones, (cont.)

- control of lipid content of reproductive tract, female guinea-pig (Nicol & Snell) 88, 562, P.
 effect on female reproductive system, intravital staining, demonstration (Nicol) 72, 474, P.
 effects on uterus and vagina of intersexual lesser shrew (Brambell & Hall) 70, 339-48
 experiments, in *Cavia* (Nicol & Bryce) 70, 200-1, P.
 gonadal and pituitary-adrenal, effect on palmar sweat index (MacKinnon & Harrison) 96, 423, P.
 mammary, response of mammary gland to injections of, weanling male mouse (Hadfield) 91, 582, P.
 parathyroid, effects on connective tissue of rat kidney, and of chondroitin sulphate (Fourman) 93, 579-80, P.
 pituitary, adrenal and gonadal, effect on palmar sweat index (MacKinnon & Harrison) 96, 423, P.
 adrenotropic, administration, and suprarenal gland, with extract of suprarenal cortex (Yoffey & Baxter) 81, 401-2, P.; 81, 404, P. (dem.) (rat)
 anterior and chorionic gonadotropic, effect on female guinea-pig (Bacsich & Wyburn) 80, 236-7, P.
 posterior lobe, relation to neurosecretion (Sloper) 88, 576-7, P. (dog, cat); 89, 301-16 (dog, cat)
 of semen (Bacsich, Sharman & Wyburn) 80, 227, P. (expts.)
 sex, androgenic, oestrogenic and progesterone, male and female, effect on glands, bulbo-urethral, rhesus monkey (Aykroyd & Zuckerman) 73, 135-44
 effect on vesicles, seminal and gland, prostate (Zuckerman & Sandys) 73, 597-616 (monkey)
 effect on growth of seminal vesicles, (Zuckerman, Gutkelch & Sandys) 72, 168-9, P.
 steroid, and adrenalectomy, effect on succinic dehydrogenase reaction of tissues (Malaty & Bourne) 87, 449, P.
 thyroid, effect of altered level on teratogenic effect of trypan blue (Christie) 99, 924, P.
 see also Desoxycorticosterone acetate; Oestradiol monobenzoate; Oestrogens; Testosterone propionate; Steroids, etc.
Horn cells, see Cells, nerve, of spinal cord
Hornbill, vomitus of (Murie) 9, 405, rep.
Horn(s), Ammon's, neurons, pyramidal, electron microscopy, rabbit (Hamlyn) 97, 189-201
 of *Camelopardalis* (Murie) 6, 446, rep.
 iliac, 1 case (Darlington) 91, 601, P.
 'sterile', responses in rat after experimental procedures (Young) 91, 610, P.
 structure (von Nathusius) 3, 455, rep. (roe-deer)
 ventral, lumbar, cell number, anuran (Hughes & Fozzard) 94, 451, P.
Horse, *Horses and stables* (Fitzwygram), 1869. 4, 293-4, rev.
Descriptive anatomy of the horse and domestic animals (Strangeways & Goodsir) ed. Johnston & Call, 1870. 4, 293-4, rev.
 action (Gamgee) 3, 370-6; (Goodman), 4, 8-11; (Gamgee) 4, 235-6; (Goodman) 5, 89-91
 alimentary canal and hip-joint (Shave) 43, v, P. (January 1908) (t.o.)
 bones of foot, (Struthers) 28, 51-62
 cerebellum (Bradley) 33, 587-95
 eye, accessory organs (Smith) 56, 366-89
 development, neopallium (Anthony & Grzybowski) 64, 148-69

- lower limbs (Ewart) 28, 236-56; 28, 342-69
 gyri (Bradley) 33, 215-27
 hip-joint and alimentary canal (Shave) 43, v, P. (January 1908) (t.o.)
 nerve, aortic, cervical course (King) 91, 228-36; 90, 571, P.
 nerves, splanchnic, and major abdominal ganglia (Dyce) 92, 62-73
 organ vomero-nasal (Minnett) 60, 110-18
 ovum living tubal (Amoroso, Griffiths & Hamilton) 73, 672, P.
 (cleavage stage) and ovulation (Hamilton & Day) 79, 127-30
 polydactyly (Struthers) 28, 51-62; (Ewart) 28, 236-56; 28, 342-69
 skin, histology (Smith) 22, 142-53
Howes, G. B., Tribute 39, v; 39, xviii
 see also Obituary notices
Howlers, see *Alouatta*
Huia bird, see *Heteralocha gouldi*
Humerus, humeri, of the ancient slingers of Minorca (Cameron) 68, 132, P. (disc. only)
 with double spiral groove (Thane) 28, xx, P.
 head, ossification at birth 14/180 cases, (Spencer) 25, 552-6; 25, xviii, P.
 supernumerary, production, experimental in amphibian embryo (*Amblystoma mexicanum*) (Brandt) 80, 226-7, P.
 supracondylar process, familial incidence (Struthers) 7, 326, rep.
 five examples (Gruber) 3, 195, rep.
 torsion (Gegenbaur) 3, 206, 448, rep. (man, mammalia, birds, reptiles)
 measurement of angle (Matthews) 21, 536-8
 torsion, and notch, glenoid, anterior (Martin) 67, 573-82; 67, 209, P. (disc. only)
 phylogeny and ontogeny (Appleton) 69, 138-40
Humour, aqueous, circulation in eye, (Knies) 10, 634, rep.
 vitreous, anatomy of ciliary region (Stuart) 26, ii, P.
Humphrey, G. M., Tribute, (Thane) 31, xv-xvi, P.
 see also, Obituary notices
Huron race, skull (Wilson) 6, 444, rep.
Hyaena brunnea, soft parts (Murie) 6, 446, rep.
Hyaena striata, anatomy (Young & Robinson) part I, 23, 90-105 (viscera); part II, 23, 187-200 (myology and nerve supply of muscle)
 see also Hyena
Hyaline corpuscles, see Corpuscles, hyaline
Hyaluronidase, use prior to fixation for histochemical demonstration of cholinesterase (Williams) 95, 449, P.
Hybrid, of hare and rabbit (Sanson) 7, 172, rep.
Hydatid of Morgagni, fibrous body attached to (testis) (Richmond) 17, 537
 in men and women, origin and nature (Watson) 36, 147-61; 36, xxvi, P.
 see also Appendix, Testis
Hydrocephalus, *An anatomical study of hydrocephalus* (Cooper) Acta anatomica, Supp. 48, 1963. 98, 277, rev.
 (Haler's case) (Stibbe) 71, 146, P.
 cerebrospinal fluid pressure in relation to, in young of female rabbits subjected to experimental hypovitaminosis A (Millen & Woollam) 90, 567, P.
 in an Egyptian of Roman period (Derry) 47, 436-58
 and hypervitaminosis-A, experimental, rabbit (Millen, Woollam & Lamming) 88, 567, P.
 due to hypovitaminosis A, treatment, rabbit (Millen & Dickson) 90, 599, P.
 internal, and choroid plexus, 32, 787, rep.

Subject Index

Hydrocephalus, (cont.)

- secretion, absorption and circulation of cerebrospinal fluid, (Gladstone & Dunlop) 61, 360-84; 61, 387-413
with transposition, complete, of viscera (Lamoureux) 34, 412, *rep.*
- Hydrocoele**, proteins in (Béchamp) 13, 258-9, *abs.*
of tunica vaginalis testis (Griffiths) 28, 291-302
- Hydrocortisone**, action on early explanted chick embryo (Mackie & McKenzie) 97, 150, *P.*; 97, 622, *P.*
time-lapse cinephotography (Mackie) 98, 688-9, *P.*
quantitative studies on blood and bone marrow eosinophilic granulocytes following injection (Hudson) 97, 617-18, *P.* (*guinea-pig*)
- Hydrocotarnin**, *see* Cotarnine
- Hydrocyanic acid**, influence upon erythrocytes (Geinitz) 4, 321, *rep.*
and morphia, experimental investigation of antagonism between (Reese) 5, 394-5, *rep.*
pathological and physiological action of (Amory) 6, 496, *rep. animals.*
tobacco smoke, content (Poggiale & Marty) 5, 391, *rep.*
see also Prussic acid
- Hydrogen**, phosphuretted, effects of inhalation (Henderson) 13, 109-14 (*rat*)
- Hydrogen peroxide**, for cleaning bones (Buchanan) 27, ix, *P.*
- Hydrogen selenide**, action on haemoglobin (Bruère) 26, 62-75
- Hydrogen sulphide**, action on haemoglobin (Bruère) 26, 62-75
- Hydrogen telluride**, action on haemoglobin (Bruère) 26, 62-75
- Hydromicrocephaly**, clinical notes on a case of (de Lisle) 19, 382-4
see also Brain, hydromicrocephaly
- Hydronephrosis**, associated with aberrant accessory ureter (Edwards) 64, 94-6
congenital, 36, 304, *rep.*
- Hydrophilus piceus** (water beetle) excitability of muscles of (Fleisch) 10, 219, *rep.*
- Hydrophobia**, vascular lesions in (Middleton) 15, 88-104
- Hydrophthalmus**, congenital, 1 case (von Hippel) 34, 417, *rep.*
- Hydropotes inermis**, anatomy (Garrod) 13, 268 (*t.o.*); comment by Turner, 13, 278
- Hydroxyanthraquinone derivatives**, *see* Stains and staining
- 3 β -Hydroxysteroid dehydrogenase**, in the adrenal gland and the placenta (Hart *et al.*) 99, 414-15, *P.* (*man, monkey, rat*)
development, adrenal and gonads, mouse (Hart *et al.*) 100, 80
in foetal mouse testis (Baillie) 99, 507-11; 99, 204, *P.* (*mouse*); 99, 417, *P.* (*mouse*)
- 5-Hydroxytryptamine**, in colon, histology and pharmacology, mouse (Ho *et al.*) 100, 944, *P.A.S.-A.N.Z.*
- Hydruria**, *see* Polyuria
- Hyemoschus**, muscle (Chatin) 7, 172, *rep.*
- Hyena**, spotted, *see* *Crocuta crocuta* Eryxleben
see also *Hyaena*
- Hygroma**, pathology (Maguire) 14, 416-23
- Hyla aurea**, carotid labyrinth (Carman) 89, 503-25
- Hylobates**, frequency of divided inferior vena cava in (Keith) 30, ii-iv, *P.*
sulcus lateral of, *Sylvische Furche und Reilsche Insel des Genus Hylobates* (von Waldeyer) 1891, 28, 380, 382, *rep.*
see also Gibbon

- Hylobates hainanus* (Hainan gibbon) viscera, models (Patten) 37, lxviii, *P.*
- Hylobates leucis*, *Beitrage zur Anatomie des Hylobates leuciscus, und zur einer vergleichenden anatomie der Muskeln der Affen und des Menschen* (Bischoff) 1870, 5, 373, 374, *rev.*
fusion of first segment of manubrium and body of sternum of (Dwight) 24, 536-42
- Hylobates mulleri*, skull, post-orbital irregularity, and of Australian aboriginal (Duckworth) 36, 260-2
- Hylobatinae*, brain (von Waldeyer) 28, 380, 382, *rev.*
8 skulls, anomalous (Hopwood) 67, 475-9
see also *Hylobates hainanus*; *Hylobates leucis*; *Pan*; *Apes, anthropoid*; *Pongo*.
- Hylomys*, skull of (Mivart) 1, 301-2
- Hymen**, clitoris and vagina, development (Hart) 31, 18-28 (*human*)
formation (Bloomfield & Frazer) 61, 490, *P.* (*t.o.*)
and posterior commissure of the vulva (Cullingworth) 27, 343-7 (*adult human*)
fimbriated (von Luschka) 1, 356, *rep.*
- Hynobius*, quadrate bone in (Edgeworth) 57, 238-44
- Hyoid bones** (Parsons) 43, iv, *P.* (November 1908) (*t.o.*)
congenital absence (Arnold), 2, 176, *rep.*
displacement, respiratory, with larynx and tongue (Mitchinson & Yoffey) 81, 118-20; 80, 243, *P.*
mammalian, in *Lepus cuniculus*, *Hyrax capensis*, *Choloepus didactylus* (Howes) 39, 513-26
movements, relative to thyroid cartilage on neck flexion (Ardran & Kemp) 94, 285, *P.*
ossification (Cave) 66, 136, *P.*
and pharyngeal musculature (Wilson) 69, 140, *P.* (*dem.*)
and separate epi-hyal bone in man (Turner) 36, 162-3
topography and morphology (Parsons) 43, 279-90
- Hyomandibula*, and preoperculum, homologies in fish (Allis) 62, 198-220
of *Selachii*, *Teleostomi* and *Ceratodus* (Edgeworth) 60, 173-93
- Hyomoschus aquaticus*, pregnant uterus and placenta (Garrod & Turner) 14, 375
visceral anatomy (Flower) 3, 206, *rep.*
- Hyosciamia**, action (Oulmont & Laurent) 5, 205, *rep.*
- Hyoscyamin(e)** importance, in ophthalmology (Simonowitsch) 10, 204, *rep.*
- Hyperacusis** (hyperaesthesia acustica) description of a case (Politzer) 6, 226, *rep.*
- Hyperaesthesia**, regenerative, anatomical basis (Weddell) 77, 116-17, *P.* (*disc. only*)
regenerative, *see also* Regeneration
- Hyperalgesia**, basis, anatomical for (Woollard, Weddell & Harpman) 74, 555-6, *P.* (*disc. only*)
- Hyperhidrosis**, in relation to cutaneous circulation (Vulpian), 13, 267-8, *abs.* (*cat*)
- Hypermastia**, *see* Polymastia
- Hyperoodon bidens*, rudimentary finger muscles found (Struthers) 8, 114-19
- Hyperphalangy**, 44, 105, *rep.*
and cetacean fore limb, and polydactylism (Symington) 40, 100-9; 40, ii (*t.o.*)
relation to ossification of terminal phalanges (Leboucq) 32, ii-iii, *P.*
- Hyperplasia**, compensatory, and hypertrophy, compensatory, in submandibular gland, rabbit (Trotter) 87, 437, *P.*
- Hypertension**, surgical treatment, anatomical evaluation (Mitchell) 81, 387-8, *P.*
- Hyperthelia**, *see* Nipples, supernumerary
- Hyperthyroidism**, congenital, sheep (Meyer) 48, 160

Subject Index

- Hypertrophy**, compensatory, and hyperplasia, compensatory, in submandibular gland, rabbit (Trotter) 87, 437, *P.*
 congenital, 2 cases, 30, 462-3, *rep.*
 of left hand (Ewald) 7, 332, *rep.*
 and macrodactyly (Prince) 27, 423, *rep.*
 in relation to tumours (Humphry) 26, 557-67
 of leg, diffuse venous naevus (Barling) 20, 358-9, *anat. not.*
 partial, of face and left upper limb, 1 case (Itzig) 28, 375, *rep.*
 right-sided, 33, 512, *rep.*
Hypervitaminoses, see Vitamins
Hypnotism, in crustacea, (Czernak) 9, 213, *rep.*
Hypopharynx, cinefluorographic anatomy (Fabricant & Roylance) 99, 209, *P.*
Hypophysectomy, effects on morphogenesis, skeletal rats (Asling) 88, 548, *P.*
 effect on light cells in thyroid gland, rat (Young) 99, 412-13, *P.*
 effect on organ weight, and effect of malnutrition (Rinaldini) 84, 262-71 (*rat*)
 effect on thymus, rabbit foetus (Bearn) 94, 284, *P.*
 technique, rabbit (Harris & Popa) 72, 226-33
Hypophysis cerebri, *Das Zwischenhirn-hypophysensystem* (Bargmann) 1954. 90, 559-60, *rev.*
 adrenal cortex and lymphoid tissue, in rat (Yoffey & Baxter) 80, 227, *P.*
 blood supply, (Green & Harris) 80, 247, *P.*; (Stanfield) 94, 257-73; (Popa & Fielding) 65, 178, *P.*; (Basir) 66, 387-98 (*dog*); (Robson) 93, 582, *P.* (*ferret*); *Macaca mulatta* (Holmes & Zuckerman) 93, 1-8
 development, with special reference to portal vessels, albino rat (Glydon) 91, 237-44
 portal circulation to hypothalamic region (Popa & Fielding) 65, 88-91
 significance of pars and zona tuberalis (Harris) 81, 343-51; 81, 379, *P.*
 cytology, female ferret (Holmes) 93, 582, *P.*
 of operative specimens (Foster & Wilson) 88, 564, *P.*
 development (Waterston) 59, 66-7, *S.P.*
 in man and *Tarsius spectrum*, (Waterston) 60, 477, *P.*
 and of pre-oral gut and related structures, marsupials (Parker), 51, 182-249
 double, with two mouths, 11-d-o female (Bačsich *et al.*) 98, 292-3, *P.*
 effect of oestradiol monobenzoate in lactating rats (Bačsich & Folley) 72, 617, *P.*
 granules basophil, methods of fixation on Gram reaction (Wilson & Foster) 87, 444-5, *P.*
 hypophysis-portal vessels, and their colloid accompaniment (Popa & Fielding) 67, 227-32
 intraglandular cleft, and its connexions (Brander) 66, 202-9; 66, 151, *P.*
 lobe, anterior, *Hypothalamic control of the anterior pituitary. An experimental-morphological study* (Szentágothai *et al.*) 1962. 98, 282-3, *rev.*
 adrenalectomy, effects, rat (Field) 92, 137-42
 cells, apparatus of Golgi, in normal and stilboestrol treated rats (Foster) 81, 403, *P.*
 changes, ultrastructural, following castration, rabbit (Young *et al.*) 99, 934, *P.*
 developing histochemistry (Fisher & Sutherland) 97, 155, *P.*
 gram-positive (Foster & Wilson) 85, 419, *P.*
 development *in vitro*, chick embryo (Moscona & Moscona) 86, 278-86
 maintenance of normal structure in castrated male rats by ovarian grafts (Allanson) 72, 474, *P.* (*dem.*)
 staining characteristics (Fisher & Bulmer) 97, 640-2, *P.*
 pathways, secretory (Brander) 81, 403, *P.*; 81, 404, *P.* (*dem.*)
 neural, combined light and electron microscopy examination, cat (Howe) 93, 572, *P.*
 posterior, exogenous cellular content under normal conditions (Wade) 72, 216-25
 fine structure, mammalian (Holmes) 99, 192-3, *P.*
 histochemistry, in relation to neurosecretion and hormones of posterior lobe (Sloper) 88, 576-7, *P.* (*dog, cat*); 89, 301-16 (*dog, cat*)
 microglia in (Vazquez-Lopez) 76, 178-86 (*horse*)
 monoamine oxidase in, albino rat (Smith) 97, 81-6; 97, 142, *P.*
 secretion, internal, organ of (Harris) 81, 381, *P.*
 nerve cells in, dog (Shanklin) 77, 241-2
 nerves and vessels (Green) 83, 82, *P.* (*comp. study*)
 nerve supply (Green & Harris) 80, 247, *P.*
 experimental data (Harris) 80, 228-9, *P.* (*rabbit*)
 pars nervosa, influence of heat-stress, mouse (Cullingham) 94, 363-74
 pigmentation (Stern) 66, 618-21
 pars tuberalis, nerve fibres in, after stalk section (Beck & Daniel) 94, 574, *P.*
 pharyngeal remnant, 52/52 subjects (McGrath) 100, 942, *P.A.S.A.N.Z.*
 plexus, primary portal, in median eminence, development, rabbit (Campbell) 100, 381-7
 prosimian, (Holmes) 100, 691-3, *P.*
 relations, meningeal, (Sunderland) 79, 33-7
 stalk, section, monkeys (Hughes & Zuckerman) 91, 600, *P.*
 regeneration of hypothalamo-neurohypophysial nerve fibres after (Holmes) 97, 310, *P.* (*monkey, baboon*)
 stimulation remote control, effects (Harris) 80, 215, *P.*
 structure of (Peremeschko) 2, 171, *rep.*; (Grandry) 2, 398, *rep.*
 tumours, 2 cases (Cagnetto) 39, 498, *rep.*
 tumour, associated with gigantism and visceral hypertrophy (Cunningham) 13, 508-17 (*1 case*)
 ultrastructure, eel (Knowles & Vollrath) 99, 940, *P.* (*dem.*)
 vascular connections (Popa & Fielding) 65, 178, *P.*
 vascular supply, in dog (Basir) 66, 387-98
 vessels, and nerves (Green) 83, 82, *P.* (*comp. study*)
 portal (Harris) 84, 62-3, *P.*
 development, albino rat (Glydon) 91, 237-44
Hypophysis, pharyngeal, structure and nerve supply (Boyd) 90, 595, *P.*
Hypospadias, 6 cases (Thompson) 59, 83-4, *S.P.*
 with cleft scrotum, one case (Handyside & Graham) 7, 332, *rep.*
 complete, with cleft scrotum, 2/9 sibs (Kellock) 34, 420, *rep.*
 congenital adherence to scrotum of penis with (Busachi) 27, 422, *rep.*
Hypothalamus, *Das Zwischenhirn-Hypophysensystem* (Bargmann) 1954. 90, 559-60, *rev.*
The hypothalamus of the cat. A cytoarchitectonic atlas with Horsley-Clarke co-ordinates, (Bleier) 1961. 96, 133, *rev.*
The Hypothalamus (Le Gros Clark, Beattie, Riddoch & Dott) 1938. 73, 346-7, *rev.*
Hypothalamic control of the anterior pituitary. An experimental-morphological study (Szentágothai *et al.*) 1962. 98, 282-3, *rev.*
Hypothalamus (Beattie & Kerr) 70, 197, *P.*

Subject Index

Hypothalamus, (cont.)

- blood supply, man (Dawson) 84, 80, *P.*
 centre, parasympathetic (Beattie) 71, 151-2, *P.*
 connexions, degeneration, rat (Guillery) 91, 91-115
 degeneration, terminal, note on Gleys silver impregna-
 tion (Cowan & Powell) 90, 188-92; 90, 566, *P.*
 Gleys staining, normal and experimental, monkey
 (Adey, Rudolph, Hine & Harritt) 92, 218-35
 granular material in, histochemistry (Shanklin &
 Issidorides) 93, 583, *P.*
 mechanisms (Beattie) 67, 208-9, *P.*
 stimulation, remote control, to (Harris) 76, 226, *P.*
Hypothermia, effects (Horwath) 5, 409, *rep. (rabbit)*;
 6, 235, *rep. (dog, rabbit, cat)*
see also Animal heat, Temperature, Heat
Hypothyroidism, effects on development of ground
 substance of the cerebral cortex, (Horn &
 Hess) 92, 419-24 (*rat*)
 induced by methyl thiouracil and maturation of
 central nervous system, rats (Eayrs & Taylor)
 85, 350-8
Hypotonia, congenital, 43, 125, *rep.*
Hypovitaminosis, *see* Vitamins
Hypoxia, effect on bone marrow (Hudson) 92, 659-60,
P. (guinea-pig)
 intermittent, effect on haemopoiesis (Bhuyan) 99,
 207-8, *P. (guinea-pig)*
 primary, thoracic duct lymph flow and lymphocytes
 during (Evans) 99, 207, *P. (guinea-pig)*
Hypsiprymnus (Bettongia) penicillatus, dentition of
 (Leslie) 13, 546-8
Hypsistaphia, and leptoprosopia (Grosheintz) 34, 417,
rep.
Hyracoidea, caecum (Rewell) 83, 69-70, *P.*
Hyrax, organ of Jacobson in (Broom) 32, 709-13
Hyrax capensis, hyoid in (Howes) 30, 513-26
Hyrax procavia, *see* *Procavia* (coney)
Hystrix cristata (crested porcupine), abnormal rib of
 (Parsons) 27, xii-iv, *P.*
Ichthyornis, comparative osteology (Shufeldt) 27, 336-42
Ichthyosaurus platyodon, hind-limb (Thompson) 20,
 532-5
Ichthyopsida, relations to mammalia (Shore) 21,
 362-73
Ichthyornis dispar (fossil birds) observations on (March)
 7, 337, *rep.*
Icteridae, osteological notes (Shufeldt) 22, 309-50
Ictidosaurs, link between reptiles and mammals
 (Crompton & Bellairs) 90, 571-2, *P.*
Iguana tuberculata, myology (Mivart) 2, 405 *rep.*
Ileo-caecal region, *Callicebus personatus* (Johnston)
 54, 66-78
Ileum, atresia, congenital, 1 case (Wakeley), 51, 65-8;
 51, 7-8, *P. (June 1916)*; (Harper) 67, 211, *P.*
 autografts of, transplanted into urinary bladder,
 behaviour, rabbit (Joseph & Thomas) 92,
 551-8; 91, 615, *P.*
 in bladder wall, fate (Joseph & Thomas) 91, 581,
P. (rabbit)
 of bladder into, rabbit (Joseph & Townsend) 97,
 156, *P.*
 cells, interstitial of Cajal, function in, guinea-pig
 (McKenzie, Kosterlitz & Robinson) 89, 573,
P.
 at the ileo-caecal junction, (Hunter) 68, 141-2, *P.*
 occlusion, congenital, 43, 122, *rep.*
 terminal, absence of mesentery of, associated with
 foetal type of undescended caecum (Bennet &
 Rolleston) 25, 87-9 (3 cases)
 volvulus (Keith) 37, ii, *P.*
Ilium, architecture (Wakeley) 64, 109-10, *P.*

- characters, sexual and racial (Derry) 58, 71-83; 59,
 54, *S.P.*
 horn (Darlington) 91, 601, *P. (1 case)*
 ossicle (Denyer) 38, xxiv-xxv, *P.*
Illustration, *History and bibliography of anatomic
 illustration* (Choulant, trans. by Frank) 1962,
 97, 134, *rev.*
Image, fleeting, directional fixity and (Lanchester) 70,
 189-90, *P.*
Immunization lymphocyte response (Kcohan &
 Metcalf) 94, 454-5, *P. (rat)*
Immunology, and development (edited by Edds) 1958,
 94, 279, *rev.*
Implantation, *Memoirs of the Society for Endocrino-
 logy No. 6: Implantation of ova* (edited by
 Eckstein) 1959, 93, 555, *rev.*
 blastocysts, in vitro, rabbit (Glenister) 94, 448, *P.*
 delayed, in badger (*Meles meles* L.) (Harrison, Neal &
 Turner) 90, 574, *P.*
 in southern elephant seal (*Mirounga leonina*)
 (Bonner) 90, 574, *P.*
 early, lesser bush baby (*Galago senegalensis*) (Butler)
 92, 665, *P.*
 of embryo, presomite, human (Shaw) 76, 187-203;
 76, 228, *P. (disc. only)*; *dem.* 76, 229, *P.*
 in the golden hamster, early, demonstration (Hamilton)
 76, 229, *P.*
 ova, rat (Shelesnyak) 92, 655, *P.*
 uterine, of guinea-pig embryo, and its nutrition
 (Emrys-Roberts) 44, 192-203
 and yolk-sac placenta, cat (Amoroso & Murray) 84,
 71-2, *P.*
see also Grafts
Impressions, maternal, 35, 499, *rep.*
 influence on foetus (Lewis) 34, 411, *rep.*
Impulses, nerve, propagation (Charles) 14, 131-9
*The conduction of the nervous impulse. The
 Sherrington Lectures. VII.* (Hodgkin) 1964,
 98, 679, *rev.*
Inanition, effects on erythrocyte numbers (Brouardel)
 11, 556, *rep.*
Incisor, deciduous, supernumerary (Earle) 39, 197-8
 (1 case)
 lateral, upper, absence, relation to harelip and cleft-
 palate, 40, 298, *rep.*
Inclusio foetalis, 32, 786, *rep.*; 35, 50-1, *rep.*
Inclusions, cellular, in human nerve cells, histo-
 chemical reaction (Issidorides & Shanklin)
 95, 151-9
 selection and measurement from electron micro-
 graphs (Findlay) 99, 213-14, *P. (dem.)*
Incubation, of egg, heat absorption during (Moitissier)
 7, 185-6, *rep. (chick)*
 interruption, effect on chick embryo, 33, 507, *rep.*
Index, indices, branchial, of *Proconsul africanus*
 (Napier & Davis) 91, 594, *P.*
 cephalic, *Distribucion Geografica del indice Cefalico en
 España* (Oloriz) 1894, 29, 472, *rev.*
 cranial, measurement (Bunn & Turner) 94, 82-7
 hundred years, *Journal of Anatomy* (Bowden) 92, 666, *P.*
 nasal, comparison of, in head and skull in Indians
 (Charles) in *J. Asiatic Society of Bengal*, vol.
 lxiii, part iii, No. 1. 1894, 29, 141, 143, *rev.*
 osteometric, recording (Poole) 39, xxxvi-xxxix, *P.*
 palmar sweat, hormones, pituitary adrenal and
 gonadal, effect on (MacKinnon and Harrison)
 96, 423, *P.*
 pre- and post-operative, male and female (Harrison
 & MacKinnon) 96, 422-3, *P.*
 patella, mammals (Haxton) 78, 106-7
 pilastric, platymetric and popliteal, of femur, racial
 differences (Hepburn) 31, 116-56

Subject Index

Index, (cont.)

- sacral, as a basis of classification (Turner) 20, 125-43
in various races (Turner) 20, 317-23
scapula, as racial characteristic in man (Flower & Garson) 14, 13-17
- Indians, Asiatic**, brain two specimens (Appleton) 45, 85-116
Bengal, anatomy of femoral hernia (Pan) 65, 541-7
comparison of nasal index, nasal bones and anterior nares in various races of (Charles) in *J. Asiatic Society of Bengal*, vol. lxx, part iii, No. 1. 1894. 29, 141, 143, *rev.*
squatting facets in talus and tibia (Singh) 93, 540-50
- North-American**, crania of, further notes ('errata' to vol. 22) (Shufeldt) 25, 222-4
North-American, comparative data from 2000 crania (Shufeldt) 22, 191-214
femur, lower end, and from modern Canadians (Siddiqui) 70, 410-12
variations (Siddiqui) 68, 331-7; 68, 155, *P.* (t.o.)
- South**, foetuses, lower limit of spinal cord (Rao) 83, 175
- Indican**, excretion of, in normal and pathological conditions (Jaffe) 13, 248-9, *abs.* (man, dog)
origin in urine in carnivora (Salkowska) 11, 566, *rep.*
source (Jaffe) 6, 466-7, *rep.*
- Indol**, formation (Salkowska) 11, 566, *rep.*
- Indris diademata**, skull (Mivart) 2, 404, *rep.*
- Induction**, assimilatory, cartilage. (Balmer) 92, 661-2, *P.* (rabbit, rat, guinea-pig)
effects produced by early fracture callus grafted under kidney capsule, rabbit (Bridges & Pritchard) 89, 580, *P.*
embryonic, *Primary embryonic induction* (Saxen & Toivonen) 1962. 97, 293, *rev.*
- Infant**, *Pathology of the foetus and the infant* (Potter) 2nd ed. 1961. 96, 411, *rev.*
- Infantilism**, 30, 452, *rep.*; 43, 116, *rep.*
and acromegaly, 1 case (Brissaud & Meige) 39, 498, *rep.*
of ancients (Meige & Fere) 30, 452, *rep.*
classification, 8 cases, 42, 132, *rep.*
- Infection**, from nose to brain (Le Gros Clark) 64, 121, *P.*
- Inflammation**, (Heller) 5, 215, *rep.*; (Picot) 5, 215, *rep.*
acute, primary vasodilation in (Darwin) 10, 1-16, (*Rana temporaria*)
circulation (Riegel) 5, 214, *rep.* (frog)
of cornea and tongue, study of (Stricker & Norris) 5, 214-15, *rep.* (frog)
mucopolysaccharides in (Barer, Barer & Bradbury) 95, 608, *P.*; Further observations, 95, 612, *P.*
traumatic, of connective tissue (Thin) 10, 447-9, *rep.*
- Inflation**, see *Pneumatization*
- Infundibulum**, of oviduct, avian, fine structure (Aithen & Johnston) 97, 87-99
- Infusoria**, origin (Bennett), 2, 415-16 *rep.*
- Inheritance**, of colour in mice (Davenport) 39, 497, *rep.*
- Inhibition**, *Nervous inhibition* (Florey, ed.) 1961. 96, 542-3, *rev.*
localization, anatomical, in spinal cord (Sprague) 90, 590, *P.* (cat)
reflex, in diseases of the spinal cord (Nothnagel) 11, 543-4, *rep.*
- Iniencephalus**, 1 case, 33, 783, *rep.*
and other abnormalities, 1 specimen (Hayes) 56, 155-9
- Inishbofin and Inishshark**, see *Irish*

- Injection**, apparatus for, with maximum pressure safety device (Weeks & Tindley) 83, 99-100
of fusible metal (Cathcart) 25, 557-61; applications (Miles) 25, 562-3
gelatin-mass, apparatus (Bolam) 29, 230-3
Gerota's, of lymph vessels and nodes (Jamieson & Dobson) 43, 11, *P.* (July 1907) (t.o.)
- Injuries**, cerebral, cerebrospinal fluid in (Duret) 13, 254-5, *abs.* (dog, horse, rabbit)
- Innervation**, of arteries and capillaries (Barbieri) 33, 503 (*ref. only*)
peripheral, *Die periphere Innervation* (Villiger) 7th ed. 1938. 73, 348, *rev.*
ratio, in extraocular and limb muscles (Tergast) 8, 424-5, *rep.* (sheep, dog, man)
reciprocal, of muscles, antagonistic (Sherrington) 33, 501, *anat. not.*
sensory, *Studies on the sensory innervation (human sensibility)* (Seto) 1963. 98, 281-2, *rev.*
of individual organs, see *name of organ*
- Innominate artery**, see *Arteries*, **Named**, **Innominate**
- Innominate bone**, sexing, special reference to sulcus praeauricularis (Derry) 43, 266-76
sexual characters (Derry) 43, 1, *P.* (June 1908) (t.o.)
- Inosite**, (Kulz) 11, 566, *rep.*
- Insane**, brains, capability of reaction of (Obersteiner) 9, 213, *rep.*
central nervous system of (Arndt) 13, 268 (t.o.); comment by Turner, 13, 280
congenital abnormalities of the heart in (Simpson) 32, 679-86
histology of the brain in (Major) 8, 173, *rep.*
pulmonary haemorrhages in (Jehn) 9, 232-3, *rep.*
- Insanity**, microcephalic, brain and skull in (Ireland) 10, 444-5, *rep.*
- Insectivora**, hands (Haines) 88, 557, *P.*
homoplasty of brain (Mann) 30, 1-35
osteology (Mivart) 1, 281-312; (Mivart) 2, 117-54
stomach, histology (Allison) 83, 69, *P.*
South African, with notes on mammalian gastric glands (Allison) 82, 249-61
- Insects**, classification (Dohrn) 4, 307, *rep.*
eye, preparation for microscopical investigation (Moseley) 7, 170, *rep.*
hexapodous, embryology (Packard) 7, 338, *rep.*
spermatozoa of (Butschli) 6, 449, *rep.*
see also *Flight*
- Inspiration**, erectile action of blood-pressure on (Hoggan) 8, 203, *rep.*
first, in infants (Lahs) 9, 232, *rep.*
- Instinct** (Spalding, Lewes) 7, 340, *rep.*
- Institut International d'Embryologie**, 6th meeting, 71, 422
- Insula**, *Sylische Furche und Reilsche Insel des Genus Hylobates* (von Waldeyer) 1891. 28, 380, 382, *rev.*
of cerebral cortex, in anthropoid ape (Cunningham) 31, 1-11, *P.*
cytoarchitectonics (Major) 13, 267 (t.o.); comment by Turner, 13, 278
gyri and sulci, development (Cunningham) 25, 338-48
in man and anthropoid apes (Cunningham) 32, 11-22
Die Morphologie des Stirnlappes der Insel der Anthropomorphen (Marchand) 1893. 27, 564, *rev.*
in the primate brain (Cunningham) 25, 286-91
right, exposed in adult human (Turner) 25, 327-37; 25, viii, *P.*
sulci, on human foetal brains, demonstration (Cunningham) 25, xi, *P.*

Subject Index

- Insulin**, alterations in vascular pattern following injection, chick embryos (McKenzie & Chaytor) 92, 664, *P.*
 effect on chick embryo, in vitro (Barron & McKenzie) 94, 577, *P.*
 and the chick embryo, early (Barron) 95, 605, *P.*
 injection, self-regulation in chick-embryos (Chaytor) 92, 664, *P.*
 pancreatic, foetal, in foetuses of normal, diabetic, hyperinsulinic and adrenalectomized rodents (Grillo) 97, 155-6, *P.*
 protective effect, in relation to teratogenic activity of cortisone and hypervitaminosis A (Millen & Woollam) 92, 644, *P.* (*rat*)
 and the suprarenal gland (Elaut) 61, 507-8, *P.*
Integration, *Morphological integration* (Olson & Miller) 1958, 93, 138-9, *rev.*
Integument, hair-like processes in male frog (*Trichobatrachus* (Burne) 44, i (*dem.*)
Intelligence, in relation to convolutions of the brain (Turner) 8, 173, *rep.*
 relation to head size and shape (Gladstone) 37, 333-46; 37, xxxix, *P.*
Intermaxillary bones, *see* Premaxilla
International Anatomical Congress, Geneva, Anatomical Society representative to, 37, lxxviii-lxxviii, *P.*
International Congress of Anatomists, Proceedings of the Symposium held 11-13 April 1960, New York, Seventh congress, *The structure of the eye*, edited by G. K. Smelser, 1961, 96, 303, *rev.*
Interparietal bone, variation, (Hepburn) 42, 88-92
Intersexuality, morphogenesis, experimental (Zuckerman & Groome) 74, 171-200 (*pig*)
see also Freemartin; Hermaphroditism
Intestine(s) *The anatomy of the intestinal canal and peritoneum in man* (Treves) 1885, 20, 189-90, *rev.*
 atresia, and of oesophagus, congenital, 43, 122, *rep.*
 of chimpanzee, female (von Bischoff) 13, 266 (*t.o.*); comment by Turner, 13, 277
 complete interruption (congenital), (Jaboulay) 26, 437
 congenital absence, (Clogg) 39, 506-7, *rep.*
 congenital malformations and absence of anus (Wakeley) 57, 216-20
 effects of formalin hardening on muscular coats (Waterston) 45, 16-19
 epithelium, 'lymphocytes' (Rogers) 98, 465, *P.* (*mouse*)
 multivescicular cell, ultrastructure (Silva) 100, 935, *P.A.S.A.N.Z.* (*mouse*)
 foetal (Reid) part I, 45, 73-84; part II, 45, 406-15; part III, 46, 400-15; part IV, 47, 255-81; part VI, 47, 486-509
 histochemistry, chicken (Aitken) 92, 453-66
 inhibition of, by stimulation of splanchnic nerves (Honckgeest) 8, 417, *rep.*
 innervation, (Evans) 83, 59, *P.*; (Pei-Lin & Li) 74, 348-59 (*cat, dog, rabbit, guinea-pig*)
large, absorption, (Voit) 4, 180, *rep.*
 of albuminous substances in (Bauer) 4, 187, *rep.*
 anomaly, 31, 460, *rep.*
 atresia, with imperforate anus, 38, 368, *rep.*
 and small, congenital absence of continuity between (Souter) 39, 507, *rep.*
 congenital malformations in new-born child (Wakeley) 59, 41-2, *S.P.*
 digestion and absorption (Czerney & Latschenberger) 8, 413-14, *rep.*; (Falck) 10, 647, *rep.*
 epithelium, crystal-containing cells, ultrastructure (Silva) 100, 938, *P.A.S.A.N.Z.* (*mouse*)
 and small, junction, tissue lymphatic at, in frog (*Rana temporaria*) (Wood Jones) 34, xlv-xlvi, *P.* May 1900
 malrotation (Windle) 694-5, *anat. phys. not.*
see also Colon, Gut, Phosphatase
 length, in various animals (Crampe) 8, 175, *rep.*
 movements of (Legros & Onimus) 4, 186-7, *rep.*; (Ezn) 6, 242-3, *rep.* (*animal*); (Horvath) 8, 208, *rep.*
 stimulation of splanchnic nerves and medulla and (Basch) 8, 417, *rep.* (*dog*)
 mucosa, direct vision technique for sampling, dog (Wilkinson) 98, 482, *P.A.S.A.N.Z.*
 nervous system, intramural (Pei-Lin & Li) 74, 348-59 (*cat, dog, rabbit, guinea-pig*); (Evans) 83, 59, *P.*
 obstruction, congenital, 37, 307, *rep.*
 peristalsis (Englemann & van Basch) 5, 407, *rep.*; (Mayer & von Basch) 5, 407, *rep.* (*dog, rabbit*)
 rotations, cause (Frazer & Robbins) 50, 75-110
small, absorption from, and Mingazzini phenomenon (Macklin & Macklin) 61, 144-50
 anatomy, topographical (Addison) 35, 184-7
 congenital atresia of (Küttner) 6, 443-4, *rep.*; 1 case (Broussolle) 28, 376, *rep.*; 31, 460, *rep.*; 33, 520, *rep.*
 associated with an unusual development of the pancreas and spleen (Kirk & Baker) 68, 139, *P.* (*disc. only*)
 blood vessels (Heller) 8, 174, *rep.* (*cat, dog, hedgehog, man, pig*)
 chemical processes in (Macfadyen, Nencki & Sieber) 25, 390-427
 decomposition of fats in (Brücke) 5, 224, *rep.* (*dog*)
 and large, congenital absence of continuity (Souter) 39, 507, *rep.*
 congenital malformations in new-born child (Wakeley) 59, 41-2, *S.P.* (*t.o.*)
 junction, tissue lymphatic at, in frog (*Rana temporaria*) (Wood Jones) 34, xlv-xlvi, *P.* (May 1900)
 loops of (Stopnitzki) 33, 354 (*ref. only*)
 lymphocytes, epithelial in, mouse (Darlington & Rogers) 100, 813
 mucosa amount (Martin & Banks) 75, 135-6 (*man*) *anat. not.*
 lesions, experimental, formation of villi and healing (McMinn & Mitchell) 88, 99-107 (*cat*); 87, 463, *P.*
 surface area, cat, rat (Wood) 78, 103-5
 gradient of (Fisher & Parsons) 84, 272-82
 nerves, *see* Nerves
 oleic acid absorption from, rat (Hewitt) 91, 582, *P.*
 phosphomonoesterase I activity, dog (Wilkinson) 98, 487, *P.A.S.A.N.Z.*
 plication within a single mesentery, 1 case (Fitzsimons) 70, 201-2, *P.*
 position, factors influencing (Crymble) 49, 216-35
 triolein absorption, rat (Hewitt) 87, 455, *P.*
 volvulus (Salaman) 37, ii, *P.*
 wall, cholinesterase activity, especially, in the mucosa (Craigmyle & Williams) 97, 156, *P.* (*mouse, rat, rabbit, guinea-pig, pig, cat, dog, monkey*)
Intraocular pressure, (Monnik) 5, 400, *rep.*
 influence of nerves upon (von Hippel and Grünhagen) 3, 463-4, *rep.* (*cat*)
 influence of sympathetic and trigeminal pressure upon (Hoppel & Grünhagen) 5, 401, *rep.*
 various factors influencing (Adamük) 1, 360, *rep.*

Subject Index

- Intrapolar distance**, effect on electrical stimulation of nerve (Eulenberg) 7, 179, *rep.*
and muscle (Willy) 7, 179, *rep.*
- Intussusception**, polyp of pylorus with (Thompson) 31, 393-6 (1 case)
- Invertebrata**, *The invertebrata—a manual for the use of students* (Borradaile et al.) 1932. 66, 671-2, *rev.*
A general zoology of the invertebrates (Carter) 1940. 75, 143, *rev.*
A manual of the anatomy of invertebrate animals (Huxley) 1877. 12, 367 (*rev.*)
development of various (Lankester) 7, 338, *rep.*
review of Hunterian lectures on (Huxley) 2, 439-41
see also *Coelenterata*; *Vermes*; *Arthropoda*; *Amphidontus cordatus*; *Gregarinidae*; *Limulus polyphemus*; *Acanthocephaloid scolecid*; *Trematodes*; *Nemathelmintha*; *Nematodes*; *Insects*; *Crustacea*; *Bryozoa*; *Radiolaria*; *Aulorhipis elegans*; *Scorpion*; *Malacostraca*; *Creceis acicula*; *Renilla*, etc.
- Involuntary muscle**, *see* Muscles, unstriped
- Iodine**, addition to meat diet, species difference in response of thyroid to (Scott, M. G. & Scott, P. P.) 94, 284, P.
chlorine and bromine, effect of intravenous and intra-arterial injections (Blake) 4, 1-7 (*dog*),
quantitative estimation in different fluids, especially urine (Struve) 4, 181, *rep.*
see also Radio-iodine
- Ipecacuanha**, actions of, and emetia, experiments (Duckworth) 6, 499, *rep.*
- Iridectomy**, physiological action (Exner) 7, 344, *rep.*
- Iridium**, ammonium chloride, effects of intravenous and intra-arterial injections of (Blake) 6, 95-100 (*dog*)
- Irido-dialysis**, with heterochromia, congenital, 1 case, 42, 137, *rep.*
- Iris**, partial absence, with haemophthalmus, 36, 304, *rep.*
development (Mann) 59, 99-100, S.P.
effects of extirpation of sympathetic ganglion on (Vulpian) 8, 398-9, *rep.* (*dog*); 9, 214, *rep.* (*dog*)
effects of sympathetic stimulation on (Grunhagen) 5, 400, *rep.*
effects of variation of temperature upon (Grunhagen) 8, 429, *rep.* (*mammalia*).
innervation, pattern, (Hinshaw) 83, 75, P. (*rabbit*)
movements (Engelhardt) 5, 212, *rep.*; (Debouzy) 10, 634, *rep.*; (Ackroyd) 13, 146-8
hydraulic (Mosso) 11, 190-1, *rep.* (*rabbit, man*)
muscles (Merkel) 2, 399, *rep.*
posterior surface of (Grunhagen) 8, 173, *rep.*
pattern, varieties, in vertebrates (Mann) 65, 162-3, P.
posterior limiting membrane of (Grunhagen) 9, 219, *rep.*
reactions to foetal pineal homografts (Holmes) 90, 567, P. (*rabbit*)
- Irish**, craniology (Browne) in Proc. R. Irish Acad., Feb. 27, 1893. 29, 141, 142, *rev.*
see also Aran Islands (Co. Galway)
ethnography of Inishbofin and Inishshark, Co. Galway (Browne) in Proc. R. Irish Acad., Nov. 30, 1893. 29, 141, 142, *rev.*
see also Aran Islands (Co. Galway)
- Iron**, in bile, and its relation to blood pigments (Young) 5, 158-64. Note on this paper by Gamgee page 165
in blood and food (Boussingault) 7, 346, *rep.*
colloidal, detection of acid mucopolysaccharides in electron microscopy (Curran et al.) 99, 427-34 (*rat jejunum*)
content in liver and spleen, (Picard) 9, 420, *rep.*
salts, effects of intravenous injection, dogs (Blake) 3, 24-9
- Irradiation**, of chick embryo, series II & III (Colwell, Gladstone & Wakeley) 60, 207-28
double, lymphocyte changes following (Barer & Joseph) 97, 305, P.
gamma, effect on DNA synthesis in regenerating mouse liver (Malor) 100, 945, P.A.S.A.N.Z.
effects on oestrous cycle in mouse (Parkes, Brambell & Fielding) 61, 492, P.
effect on mouse ovaries (Parkes, Bramwell & Fielding) 61, 515, P. (*dem.*)
- Irritability**, muscle *see* Muscle irritability
- Ischaemia**, acute, reinnervation of muscle after (Allbrook & Aitken) 85, 376-90 (*rabbit*); 85, 412, P.
comparison with epididymal obstruction at various levels (mouse testis) (Baillie) 96, 335-54
partial, of long bones, experimental, sequelae, rabbit (Brookes) 94, 552-61; 93, 576, P. (*rabbit*)
relative importance, in injuries of spinal cord (Hunter) 59, 48-9, S.P.
renal, bone induction, experimental in (Bridges) 90, 595, P.
structural changes, induced by (Burwell) 88, 575-6, P.
- Ischiopagy**, 35, 501, *rep.*; 44, 97, *rep.*
crossed, chick embryo, 38, 365, *rep.*
- Ischiopagus tripus**, (Gemmill) 36, 263-87
- Island of Reil**, *see* Insula
- Islets of Langerhans**, *Das Inselsystem des Pankreas* (Ferner) 87, 326, *rev.*
cells, islet, α and β , in normal and cobalt chloride-treated guinea-pig (Lever & Esterhuizen) 95, 284, P.
cytology, normal and diabetic cat (Lever & Jeacock) 93, 571, P.
and metahypophyseal diabetes, cat (Lever & Jeacock) 94, 293, P.
of the pancreas of chick embryo, ontogeny of function (Grillo) 95, 284, P.
ultrastructure, new staining technique (Sells) 100, 430, P.
origin in pancreas (Hughes) 86, 491, P.
survival *in vitro*, rabbit (Lever et al.) 99, 934, P.
in teleosts (Rennie) 37, 375-8
changes, cyclical, rat (Hughes) 81, 82-92
effects of ischaemia, rat (Adams & Harrison) 87, 257-67
and experimental diabetes in dogs (Richardson) 73, 673, P. (*dem.*)
histological investigation, in dogs, made diabetic by injection of crude anterior pituitary extracts (Richardson & Young) 72, 611, P.
regeneration (Hughes) 80, 234, P. (*rat*)
- Iso-octylphenols**, *see* Surface active agents
- Isopoda**, parasitic, reproductive organs (Bullar) 11, 118-23, (*Cymothoa aestroides*, *Nerocila maculata* and *bruttata*, *Amlocra physodes* and *mediterranea*)
- Isoprenaline-induced** suprarenal cortical degeneration, suppression by α -blocking agent, rat (Harrison) 99, 407, P.
- Isotoma**, embryology of (Packard) 7, 338, *rep.*
- Ivory**, elephant, structure (Miles & Boyde) 95, 450, P.
- Jaborandi**, action (Carville, et al.) 9, 448, *rep.*
on heart (Langley) 10, 187-201 (*rabbit, frog*)
- Janiceps**, 35, 501, *rep.*; 34, 315, *rep.*; 38, 365, *rep.*
cranio-rachischisis and anencephalus, 1 case, 42, 136, *rep.*

Subject Index

- Japanese**, *Das arteriensystem der Japaner* (Adachi) Banden I and II, 1928. 66, 434-5, *rev.*
 patches pigmentary, of sacro-lumbar region in, 37, 301-2, *rep.*
- Jaundice**, cause of bradycardia in (Legg) 11, 552-3, *rep.* (*frog*)
 obstructive, effect of on acids and pigment in urine (Golowin) 6, 468, *rep.* (*dog*)
 experimentally produced, alkaline phosphatase in, guinea-pigs (Jacoby & Martin) 89, 440-9
 production (Audigné) 8, 420, *rep.*
- Jaw(s)**, (*see also* Mandible). *The jaws and teeth of primates* (Warwick James) 1960. 95, 146, *rev.*
 apparatus, of *Myxine glutinosa* (Dawson) 96, 414, *P.*
 epithelial residues, and of edentulous jaw (Hodson) 96, 16-24
 lower, accessory centre of ossification (Smith) 59, 388-9
 developing, model (Low) 43, iii, *P.* (July 1907)
 tissue, *Die Veränderungen der Gewebe bei übermässiger Beanspruchung der Zähne* (Gottlieb & Orban) 1931. 67, 188, *rev.*
 in undernourished pigs, expt. (Tonge & McCance) 97, 635-6, *P.*
 upper, development, and sphenoid bone (Fawcett) 43, iii, *P.* (July 1907) (*t.o.*)
 and palate, bones, fishes part I (Kesteven) 56, 307-24
 see also Maxilla
- Jejunum**, blood supply, intramural (Doran) 84, 283-6; 84, 403-4, *P.*
 variations (Barlow) 88, 547, *P.*; 89, 560, *P.*
 diverticulum (Buxton) 59, 63, *S.P.*
 epithelium, developing, electron microscopy, rat (Hayward & Dunn) 98, 681, *P.*
 retroperitoneal, proximal (Herringham) 26, v, *P.*
- Jelly-fish**, *see* *Medusae*, *Siphonophora*
- Joints**, *The radiology of bones and joints* (Brailsford) 1934. 68, 573-4, *rev.*
 action of atmospheric pressure upon (Aeby) 9, 444, *rep.*
 articular cartilages and synovial membranes (Reyner) 8, 261-73 (*sheep, ox*)
articular surfaces, and capsules (Hüter, C.) 1, 151, *rep.*
 curvature and movement (Goodsir) 3, 449, *rep.*
 cartilage implant influence (Allbrook & Kirkaldy-Willis) 92, 668-9, *P.* (*Vervet monkey*)
 see also individual joints
 classification (Stibbe) 71, 145-6, *P.*
 development (Haines) 81, 33-55
 diarthrodial, surfaces, ultimate forms (MacConaill) 67, 198-9, *P.*
 histology (Hüter, C.), 1, 151, *rep.*
 loose bodies in (Humphry) 23, 493-504; (Patteson) 24, 360-72
 morphology (Haines) 80, 220, *P.*
 movements (Barclay & Franklin) 72, 161-2, *P.* (*disc.*)
 limitation, and relation to disease (Partridge) 58, 346-54
 mechanics, *Mécanique articulaire* (Olivier, G. & Olivier C.) 1963. 98, 461, *rev.*
 and muscle action (Henke) 3, 449, *rep.*
 protection by nerve supply (Partridge) 59, 73, *S.P.*
 sensation, role of articular capsule, histological and sensory examination (Samuel) 84, 77, *P.*
 series (Gelenkketten), structure and function (MacConaill) 74, 140, *P.* (*t.o.*)
Synovial joints. Their structure and mechanics (Barnett, Davies & MacConaill) 95, 599, *rev.*
 of costal cartilages (Harris) 65, 164, *P.*
 of the foot (Hicks) 87, 345-57
 evolution, (Elftman & Manter) 70, 56-67
 of the limb, fore (Parsons) 34, 41-68 (*man and other mammals*)
 hind (Parsons) 34, 301-23 (*man and other mammals*)
 lower, and posture, in standing attitude (Appleton) 77, 120, *P.*
 and upper, comparison (Martin) 69, 153, *P.*
 of vertebral column, cervical, pleuropophyseal, variation (Cave) 68, 521-4
 intercostal, North American Indian (Stewart) 69, 124-6, *anat. not.*
 lumbar, lumbosacral, index of articular inclination (Odgers) 67, 301-17
ankle, *Radiographic atlas of skeletal development of the foot and ankle, A standard of reference* (Hoerr, Pyle & Francis) 1962. 96, 543, *rev.*
 anatomy, comparative (Cleland) 27, viii, *P.*
 avian, compared with human knee (Barnett) 88, 59-70
 axis of rotation (Barnett) 87, 449-50, *P.*
 influence on talus and mobility of fibula (Barnett & Napier) 86, 1-9
 in chimpanzee (Humphry) 1, 254-68
 forces (acting) at, during standing (Smith) 91, 545-64
 mechanism (Harrison) 85, 432, *P.*
 movements (Lane) 22, 408-22
 movement axis and shape of talus (Barnett & Napier) 85, 409, *P.*
 extention and flexion of, nomenclature (Humphry) 28, xv-xvi, *P.*
 structure (Reeder) 9, 444, *rep.*
 wrist, elbow, knee, comparison, and significance of structural differences between them (Martin) 68, 511-20
- astragalo-calcaneo-navicular**, *see* Talus
astragalo-cuboid *see* Joint, talo-cuboid
atlanto-axial (Cave) 68, 416-23, *anat. not.*
 lateral, physiology (Corner) 41, 149-54
atlanto-occipital, (Cave) 68, 152, *P.*
 in some arctoids (Anderson) 36, 368-71
 anomalous, 1 specimen (Rau & Sivasubrahmaniam) 67, 622-3, *anat. not.*
 variation, (Pate) 71, 128-9, *anat. not.*
 variations, and metameric structure of the cranio-vertebral region (Gladstone & Wakeley) 59, 195-216
- calcaneo-cuboid** and subtalar, movements, limitation (Smith) 84, 75, *P.*
carpo-metacarpal of thumb, form and function (Napier) 89, 362-9
carpo-metacarpal, first, rotation, mechanism (Haines) 78, 44-6
coraco-clavicular (Lewis) 93, 296-303
costo-sternal (Musgrove) 27, 1-4; 26, ix, *P.*
costo-vertebral, first (Macalister) 27, 252-6; 27, xvii, *P.*
cranio-spinal, evolution of vertebrae (Shute) 96, 415, *P.*
crico-thyroid, supernumerary (Gruber) 9, 397, *rep.*
diarthrodial, *see* Joints, synovial
elbow, (Thompson) 58, 368-73; 59, 83, *S.P.*
 congenital dislocation of, with fusion of carpal and metacarpal bones (Bellamy) 8, 383
 demonstration (Cunningham) 23, xxii-xxiii, *P.*
 flexion, effect on torques developed in pronation and supination of right hand (Salter & Darcus) 86, 197-202
 knee, wrist, ankle, comparison, and significance of structural differences between them (Martin) 68, 511-20
 pressure films, formation, electrical demonstration (MacConaill) 67, 200, *P.*

Joints, elbow (cont.)

- structures in (Corner) 30, 369-70; viii, ix, *P. (cat, dog, sheep, ox, man)*
- synovial, dissection in region of excised joint (Smith) 8, 380-2 (1 case)
- excised, dissection of limb (Sutherland) 19, 223-5, *anat. not.*
- eudiarthrodial, fishes (Haines) 77, 12-19; 77, 120, *P. femoro-tibial* and alleged femoro-fibular, development (Haines) 86, 495, *P.*
- development, early, and of tibio-fibular (Haines) 87, 192-206
- frontal, temporal of skull, in 58 cases in man and other mammals (Gruber) 8, 386, *rep.*
- hip (Welcker) 10, 442-3, *rep.*
- atmospheric pressure on (Koster) 2, 434 (n.)
- of chimpanzee (Humphry) 1, 254-68
- dislocation (Humphry) 21, 331, *anat. not.*
- congenital, 33, 524, *rep.*; 37, 309, *rep.*; 38, 372, *rep.*; 40, 300, *rep.*; (Thompson) 44, ii, *P. (t.o.)*
- demonstration (Targett) 30, x, *P.*; (Keith) 41, ix, *P. (January 1907) (dem.)*
- horse (Shave) 43, v, *P. (January 1908) (t.o.)*
- mechanism (Goodsir) 3, 449, *rep.*; (Walmsley) 51, 11, *P. (June 1916)*
- and form (Schmid) 9, 444, *rep.*
- specimens (Parsons) 50, 11-12, *P. (March 1915)*
- interchondral, of the human thorax (Briscoe) 59, 432-7; 59, 112-13, *S.P.*
- interphalangeal, of fingers and thumb, nerve supply (Stopford) 56, 1-11; 59, 14, *S.P. (t.o.)*
- and metacarpo-phalangeal (Joseph) 85, 221-9
- extension (Harris & Joseph) 84, 73, *P.*
- intervertebral, thoracic, articular facets, medial inclination (Davies) 93, 68-74; 92, 653, *P.*
- knee, anatomy (Williams) 14, 178-84
- articular mechanism, elasticity (Smith) 88, 550, *P.*
- semilunar discs, (Davies & Edwards) 81, 394, *P.*
- blood supply, synovial membrane (Davies & Edwards) 81, 394, *P.*
- bodies, loose, suggested origin (Corner) 49, 429-33
- capsule, see Capsule
- of chimpanzee (Humphry) 1, 254-68
- complete division of femoro-tibial cavity of, 2 cases (Struthers) 27, iii, *P.*
- congenital abnormalities, 32, 794-5, *rep.*
- derangement, mechanics (Jeffrey) 72, 140, *P.*
- development, prenatal, early (O'Rahilly) 85, 166-70
- double congenital rotatory dislocation, 44, 106, *rep.*
- elbow, wrist, ankle comparison, and significance of structural differences between them (Martin) 68, 511-20
- extension, influence of patella (Lickley) 38, 68-70
- its production and maintenance (Hendry) 68, 153-4, *P.*
- and function of intra-articular fibrocartilages (MacConaill) 66, 210-27
- geometry and kinematics, radiology (Shute) 90, 586, *P.*
- innervation, at (Freeman & Wyke) 98, 299-300, *P. (dem.)*
- human, compared with avian ankle (Barnett) 88, 59-70
- locking (Barnett) 87, 91-5; 86, 485, *P.*
- mechanism (Goodsir) 3, 449, *rep.*
- postural (Smith) 90, 236-60
- semi-lunar cartilages, and transverse ligament (Higgins) 29, 390-8
- synovial recesses and bursae related to (Bunn) 98, 493, *P.A.S.A.N.Z.*
- tetrapod (Haines) 76, 270-301; 76, 228, *P. (disc. only)*

- tissues, histological and histochemical studies, mammals (Shaw & Martin) 96, 359-73
- (synovial membrane, articular cartilage and menisci) histology and histochemistry (Martin & Shaw) 97, 146, *P. (man and other animals)*
- venous congestion, experimental, effects, rat (Brookes) 100, 436, *P.*
- laryngeal, innervation, cat (Kirchner & Wyke) 98, 684, *P.*
- lumbo-sacral, position of, in relation to deformities in mollitus ossium, rickets and osteitis deformans (Lane) 22, 15-27
- and lumbar, index of articular inclination (Odgers) 67, 301-17
- mandibular, *Anatomia de la Articulacion Temporomaxilar* (Beaujon) 1962, 98, 461, *rev.*
- The temporomandibular joint* (Sarnat) 2nd ed. 1964, 99, 189, *rev.*
- mandibular (Woollard & Harpman) 72, 163, *P. (t.o.)*
- of man and other mammals (Parsons) 34, 41-68
- articular surfaces, excision, role of meniscus in healing process (Sprinz) 97, 345-52 (*rabbit*)
- regeneration, rabbit (Sprinz) 89, 578, *P.*
- nervesupplying relation of dura mater to (Fawcett) 27, 179-80
- structure (Charles) 59, 107-8, *S.P.*
- development, (Symons) 86, 326-332; 86, 480, *P.*
- and movements (Scott) 85, 36-43 (*sheep*)
- meniscectomy, effects, rabbits (Sprinz) 88, 514-19; 88, 551, *P.*
- orientation (Murphy) 98, 475, *P. (sheep, man)*
- manubrio-sternal, development (Walmsley) 68, 154, *P. (disc. only)*
- metacarpo-phalangeal, cracking (audible) (Roston & Haines) 81, 165-73; 80, 241-2, *P.*
- and interphalangeal, (Joseph) 85, 221-9
- extension at (Harris & Joseph) 84, 73, *P.*
- hereditary stiffness (Wilgress) 32, 753
- movements, 187 individuals (Parsons) 29, 446-52
- nerve supply (Stopford) 56, 1-11; 59, 14, *S.P. (t.o.)*
- occipito-atlantal, see Joints, atlanto-occipital
- occipito-atlanto-axial (Cave) 68, 416-23, *anat. not.*
- occipito-atlas-axis, in lower animals (Symington) 34, xiv, *P. (February 1900)*
- radio-carpal, (Shepherd) 25, 249-51
- radio-ulnar, and function of intra-articular fibrocartilages (MacConaill) 66, 210-27
- ligament annular, see Ligament, annular
- mechanism (MacConaill) 66, 152-3, *P.*
- sacro-iliac, accessory. (Derry) 45, 202-10
- age, influence on disease and mobility (Brooke) 59, 84, *S.P.*
- ankylosis of in young woman (Humphry) 21, 165-6, *anat. not.*
- articular surfaces (Weisl) 87, 450, *P.*
- mobility, structure, influence of age (Brooke) 58, 299-305
- movements (Weisl) 86, 489-90, *P.*
- and pelvis, role in growth of pelvis (Harrison) 89, 558, *P. (rat, guinea-pig, rabbit, human foetus)*
- sex, influence on disease and mobility (Brooke) 59, 84, *S.P.*
- significance (MacConaill) 80, 236, *P.*
- scapulo-humeral, mechanical considerations of range of movements (Harrower) 58, 222-7
- shoulder (Welcker) 10, 442-3, *rep.*
- capsular defects of (Hepburn) 26, viii-x, *P.*
- dislocation congenital (Edwards) 62, 177-82; 61, 489, *P. (t.o.)*
- voluntary (Hughes) 87, 450-1, *P.*
- girdle, mobile articulation (Lockhart) 72, 319-20
- by muscular action (Kirk) 71, 145, *P.*

Subject Index

Joints, shoulder (cont.)

- mechanism, *Theory of shoulder mechanism. Descriptive and applied.* (Saha) 1961. 96, 412, rev.
- lizards, and the primitive reptilian shoulder mechanism (Haines) 86, 412-22; 86, 485, P.
- mechanism, reptilian, primitive, (Haines) 86, 412-22; 86, 485, P.
- movements at (Martin & O'Brien) 74, 140, P. (film)
- abduction, *Röntgenographic study of the movements of abduction at the normal shoulder joint* (Flecker) reprinted from Med. J. Austral. 1929, July 27, pp. 3-4. 65, 402, rev.
- normal and a case of trapezius paralysis, x-rays (Lockhart) 64, 288-302; 64, 124, P.
- further note (Lockhart) 68, 135-7, P.
- at shoulder joint, scapular plane of reference, (Johnston) 72, 173-4, P.
- x-rays (Martin) 71, 159-60, P.
- muscles around (Macalister) 1, 316-19
- muscular variations, primates (Ashton & Oxnard) 95, 618-19, P.
- shape, in amphibian embryo (Brandt) 80, 235-6, P.
- Sprengel's, 40, 299, rep.
- 1 case (Virden) 34, 422, rep.; (Pitsch) 34, 422, rep.; 37, 309, rev.; 39, 507, rep.
- of *Talpa europaea* (mole) (Freeman) 20, 201-19
- variation, showing reversal of normal curvatures, in subject with other abnormalities (Walmsley) 64, 120, P.
- sternoclavicular**, nerve supply (Hepburn) 18, 340, anat. not.
- sterno-coracoidal**, in foetal *Phalanger* (Broom) 31, 513-15
- sterno-costal** (8) 1 case (Shepherd) 15, 292, anat. not.
- subtalar** and calcaneo-cuboid, movements, limitations (Smith) 84, 75, P.
- synovial**, *Synovial joints. Their structure and mechanics* (Barnett, Davies & MacConaill) 95, 599, rev.
- between clavicle and coracoid (Gowland) 49, 187-9
- development (Whillis) 74, 277-83
- in birds and mammals (Hepburn) 23, 507-31
- demonstration (Hepburn) 27, ix, P.
- kinetics (MacConaill) 81, 394, P.
- of the skate (*Raia*) (Davies) 82, 9-20; 80, 242-3, P.
- stress and structure (MacConaill) 72, 162, P.
- talo-calcaneal**, mammalian (Barnett) 95, 280, P.
- adult and foetal, African, European, Indian (Bunning & Barnett) 99, 71-6
- variations between African (563 specimens), Indian (78 specimens) and United Kingdom (151 specimens) (Bunning & Barnett) 97, 643, P.
- talo-cuboid**, in man (Sutton) 26, xviii-xix, P.
- tarsal**, transverse, inversion and eversion (Inkster) 72, 612-13, P.
- tempora-frontal**, in man (Allen) 3, 196, rep.
- temporo-mandibular**, see Joint, mandibular
- thoraco-lumbar mortice**, (Davis) 89, 370-7
- in West Africans (Davies) 95, 589-93
- tibio-fibular**, comparative study (Carleton) 76, 45-55; 76, 228, P. (disc. only)
- development, early, and of femoro-tibial (Haines) 87, 192-206
- superior (Owen) 35, 489-91
- wrist**, relation of carpal bones, models (Johnston) 41, viii, P. (January 1907)
- in *Chiromys madagascarensis* (Nayak) 68, 139, P. (t.o.)
- elbow, knee and ankle, comparison, and significance of structural differences between them (Martin) 68, 511-20
- kinematics (von Bonin) 63, 259-62
- movements (Wright) 70, 137-42
- rotary (Cyriax) 60, 199-201
- see also Carpus, arch; Radiology
- xiphisternal**, and diaphragm, level, in living subject (Appleton) 72, 317-18, P.
- zygopophyseal mortice**, of vertebral column, at thoraco-lumbar transitional zone (Davis) 88, 585, P.
- Jones, Frederick Wood**, Dedication of Volume 89 to Professor F. Wood Jones, 89, 1
- Journal of Anatomy**, preface to new series (Turner) 40, v-vii, P.
- see also Index, one hundred year,
- Journal of Anatomy and Physiology**, circulation, editorial, 32, 612-13
- suggestion that the subscription to the Anatomical Society and Journal should be combined (Parsons) 33, ii-iii
- voted joint journal for British and American Societies, 33, viii
- 1867-1966, Volume 100, brief history of Society and Founders, (Walls) 100, 1-4
- Jugum cerebellare intersemilunare**, incidence in 866 bones (Krmptič-Bohaček) 87, 358-61
- Juice, gastric** (Rabuteau) 10, 647, rep. (dog)
- acidity (Reoch) 8, 275-8
- effect of temperature on activity of (Fick) 8, 207, rep. (dog, pig, frog, trout, pike)
- free acid (Laborde) 9, 234, rep.
- hydrochloric, source (Horsford) 4, 180, rep.
- site of formation of, in gastric section, (Lepine) 8, 416, rep.
- mode of secretion of (Baun) 8, 414, rep.
- intestinal** (Leven) 9, 426, rep.
- action (Demant) 13, 411, rep.
- digestive (Leube) 3, 229, rep.
- with duodenal and jejunal fistulae (Schiff) 3, 228-9, rep. (dog.)
- pancreatic**, action of glycogen on (Seegen) 13, 412-13, rep.
- diastatic, action of alkalies on (Cornillon & Bretet) 11, 559, rep.
- Jumping**, muscle tension relationships in, *Galago senegalensis* (Hall Craggs) 100, 699-700, P. (dem.)
- Junction, choledocho-duodenal**, histology, with reference to papilla duodeni, ampulla of Vater and Sphincter of Oddi (Kirk) 78, 118-20
- cranio-vertebral**, dura mater at (Rogers & Payne) 95, 586-8
- gastro-oesophageal**, histology, rabbit (Botha) 92, 441-6
- nerve-supply (Mitchell) 72, 623-4, P.
- and pyloro-duodenal, innervation, intrinsic (Rash & Thomas) 96, 389-96
- ileo-caecal** (Hunter) 68, 264-9
- ileum at (Hunter) 68, 141-2, P.
- ileo-colic**, and large intestine, topographical anatomy (Addison) 35, 277-89
- position (Addison) 38, xliii, P.
- myoneural**, see Nerve endings, motor
- neuromuscular**, coronary and splanchnic arterioles (Irvine et al.) 99, 409, P.
- pharyngo-oesophageal**, musculature, morphological variations (Perrott) 98, 490-1, P.A.S.A.N.Z.
- pyloro-duodenal** and gastro-oesophageal, innervation, intrinsic (Rash & Thomas) 96, 389-96
- sino-auricular**, arterial circle at, heart (Keith) 41, ix, P. (January 1907) (dem.)
- superior vena cava and right auricle**, peculiar neuro-muscular node at (Keith) 41, ix, P. (January 1907) (dem.)

Subject Index

Junction, (cont)

- uterotubal, structure, sow (Rugby) 99, 416, *P.*
- uretero-vesical, innervation (Semple) 72, 626, *P.* (*dem*)
- Kabara goya*, see *Varamus saltator*
- Kagu*, viscera and dermal structures (Mune) 6, 447, *rep.*
- Kangaroo, rat, genital tract, female (Berry Hart) 42, 40-9
- red, see *Macropus rufus*
- see also *Macropus giganteus*
- Karens, see Burmese
- Karyokinesis, in prickle cells of skin tumours (Delépine) 18, 442-60
- Keats, John Keats's anatomical and physiological note book (edited by M. B. Forman) 1934. 68, 575-6, *rev.*
- Keith, Sir Arthur, Volume 69 dedicated to, 69, 1
- Kenya, native, brain (Vint) 68, 216-23
- Keratin, epidermal, structure (Spearman) 94, 293, *P.*
- Keratin and keratinization (Mercer) 1961. 96, 543, *rev.*
- Keratitis, after section of the trigeminal nerve (Eberth) 8, 187, *rep.*; (Senftleben) 10, 634, *rep.*
- traumatic (Walb) 9, 415, *rep.*
- development (Bottcher) 8, 400, *rep.*
- Keratosis, hereditary, 33, 513, *rep.*
- palmaris et plantaris, in five generations, 40, 295, *rep.*
- Kidney(s), *Synthetische Morphologie der Niere des Menschen* (Heidenhain) 1937. 72, 313, *rev.*
- anatomy, and physiology (Heidenhain) 8, 392, *rep.*
- radiological (Tchaperoff) 72, 143-4, *P.*
- surgical, (Thompson) 48, 280-6
- topographical (Birmingham) 31, 95-113
- left (Addison) 35, 300-3
- right (Addison) 35, 294-7
- of anodon (Hartog) 13, 400, additional note (Hartog) 13, 578
- arteries (Fine & Keen) 100, 881
- arteriograms (Styles) 31, xxxviii, *P.* (to)
- pelvic, rat (Fourman & Moffat) 97, 153-4, *P.*
- see also Kidney, vascular
- capsule, adipose, see Fat, perirenal
- circulation in (Hogyes) 8, 421, *rep.*
- corrosion, celloidin, specimen, mammalian (Grahame) 81, 404, *P.* (*dem*)
- arterioles, fine structure of neuromuscular contacts, sheep (Simpson & Devine) 100, 127-37
- depth (Little) 22, xxvi, *P.*
- distribution of red blood cells (Moffat) 99, 409, *P.* (*rat*)
- relation to suprarenal gland (Harrison) 80, 239, *P.*
- cystic degeneration of heart, spleen, liver and, in 77-year-old man (Meigs) 27, 454-63
- developing see Mesonephros, Metanephros
- development, sheep, with reference to pronephros of ruminants (Davies) 85, 6-11
- and structure (Pye) 9, 272-9
- effects of application of irritants to skin on (Wolkenstein) 11, 565-6, *rep.* (*rabbit*)
- foetal, see Pronephros, Mesonephros, Metanephros
- form, and of spleen (Cunningham) 29, 501-17
- and position (Cunningham) 31, xxxiv, *P.* (to); 32, vii, *P.*
- functions, experimental investigation (Newman) 12, 608-31 (*rabbit*, *horse*)
- growth (Gladstone) 59, 81, *S.P.*
- post-natal and of liver and thyroid gland (Gladstone) 58, 170-7
- hypoplastic, solitary, extramedullary haematopoiesis in, malformed foetus, full-term (Hickey) 99, 218, *P.* (*dem*)

- innervation (El-Asfoury) 85, 430, *P.*
- and of ureter, testis, epididymis (Mitchell) 70, 10-32
- see also Kidney nerve-supply
- isolated, properties of walls of blood vessels (Mosso) 10, 636-9, *rep.* (*dog*)
- juxtaglomerular complex, see Complex
- lipid, intracellular, cat (Lobban) 89, 92-9
- medulla, blood flow, changes in water intake and osmotic diuresis, effect (Fourman & Moffat) 98, 472-3, *P.* (*rat*)
- blood vessels, comparative histology (Thorburn & Stacy) 98, 495, *P.A.S.A.N.Z.*
- pattern in relation to countercurrent exchange (O'Morchoe *et al.*) 99, 198-9, *P.*
- interstitial cells, fine structure, rat (Moffat) 99, 931-2, *P.*
- mesonephric derivatives (Johns & Johnson) 86, 482, *P.*
- microcirculation (Fourman & Moffat) 97, 631, *P.*
- microscopy, *Essai sur la structure microscopique du Rein* (Gross) 1868. 3, 187-8, *rev.*
- of molluscs (Rolleston) 13, 115
- muscle, smooth (Eberth) 7, 171, *rep.*
- neonatal, rat, vital staining (Baxter & Yoffey) 81, 404, *P.* (*dem*)
- in nephrotic syndrome, histology, electron micrographs (Hickey) 99, 218, *P.* (*dem*)
- nerve-supply (Mitchell) 84, 70, *P.*
- The 'neurality' of the kidney (De Mylder) 1952 86, 470, *rev.*
- pelvis, in man and other mammals (Hyrtl) 7, 171, *rep.*
- rabbit (Sheehan & Davis) 93, 499-502.
- phosphatase, alkaline and acid, see Phosphatase
- physiology (von Wittich) 11, 205-6, *rep.* (*pigeon*, *rabbit*)
- poles, lower, distance from iliac crest (Collective Investigation, Anatomical Society) 26, 83-8 (264 male, 184 female specimens, 80 full-term foetuses)
- position and mobility (Williams & Murnaghan) 98, 493, *P.A.S.A.N.Z.*
- right (Addison) 38, vii-viii, *P.*
- renal shunt mechanism and anaemia (Franklin) 84, 63, *P.*
- rhabdomyosarcoma of (2 cases) (Osler) 14, 229-33
- sarcoma, primary (Windle) 18, 150-70
- structure (Lindgren) 3, 202, *rep.* (*ates*)
- in African elephant (Donitz) 7, 171, *rep.*
- changes induced by ischaemia (Burwell) 88, 575-6, *P.* (*rabbit*)
- primate (Straus) 69, 93-108
- transplants, ultrastructural and haemodynamic studies, dog (Williams *et al.*) 98, 545-69.
- tubules, structure and function (Heidenhain) 8, 422-3, *rep.*
- urea formation (Rosenstein) 6, 244-5, *rep.*; (Murn) 9, 241, *rep.*
- vascular pattern, rat (Moffat & Fourman) 97, 543-53
- demonstration (Barclay, Daniel, Franklin, Prichard & Trueta) 81, 376, *P.* (to)
- vessels, blood, pattern, intrarenal arterial, adult and ageing (Ljungqvist & Lagergren) 96, 285-300
- fine, rat (Moffat & Fourman) 96, 418, *P.*
- foetal and neonatal animals (Fergusson) 86, 144-51 (*rabbit*, *guinea-pig*, *kitten*)
- grivet monkey (Munkacsy) 97, 626, *P.*
- superficial, casts, vinyl acetate, comparative study (Kazzaz & Shanklin) 85, 163-5

Subject Index

Kidneys, variations,

see also System, nephric

(White) 33, 355, *anat. not.*

congenital (Mitchell) 26, 437, *rep.*; (Strube) 29, 467, *rep.*; 44, 104, *rep.*; (Meyer) 48, 143; (Valenti, Chrétien) 31, 460, *rep.*; (Thompson, Ferguson & Miller) 68, 134, *P.*

of one and hydronephrosis of the other, 1 case (Edwards) 63, 161-2, *P.*

multiple (Harris) 57, 76-95.

in domestic pig (Hepburn) 29, 16-17

in 45 rats (Hain & Robertson) 72, 83-100

absence, 31, 460, *rep.*; (Moore) 33, 400-12; 37, 308, *rep.*

of one, 3 cases, (Uhl) 39, 307, *rep.*

and compensatory hypertrophy of single kidney (Moore) 38, 71-81

left, and ureter, 1 case (Gladstone) 49, 418-28

right (1 case) (Dwight) 29, 18-19

with partial failure of development of paramesonephric duct and incomplete descent of left ovary (Tapie) 27, 422, *rep.*

with unicornuate uterus, cat (Robson & Scothorne) 95, 620, *P.*

unilateral with absence of ureter and seminal vesicle, 36, 304, *rep.*

unilateral aplasia, rabbit (Boycott) 45, 20-2

ascent, failure, with aberrant vessels, 1 case (Mahon) 23, 339-40

with undescended testis and rudimentary vas deferens (Howden) 21, 551-7 (1 case)

discoid, of (Shepherd) 24, 69-71 (1 case)

right, associated with uterus didelphis and vagina duplex (Hepburn) 25, 24-30

atrophy, and displacement, and double ureter (Lawrence) 31, 599-606; 31, xxxv, *P.*

left (Hertz) 4, 161, *rep.*

cystic, congenital, with other abnormalities (West) 59, 401-9

discoid, unilateral, 1 case (Edwards) 63, 162, *P.*

double, 1 specimen (Keith) 35, xi-xii, *P.*

left, 1 case (von Karlren) 33, 354 (*ref. only*)

ectopic (Weisbach) 2, 174, *rep.*; (Miller) 43, 192, *anat. not.*

with abnormal ureters and vessels (Davidson) 2, 282

crossed, possible cause (Carleton) 71, 292-8 (1 case)

left, 1 infant, 31, 460, *rep.*

pelvic (Macalister) 35, 123, *anat. not.*; 37, 308, *rep.*; (Smith & Boulgakow) 59, 188-91 (1 specimen; 1 case (De & Sinha) 68, 357-60

with anomalous arteries (Brodie) 27, xxxv-xxxvi, *P.*

of both, 40, 300, *rep.*

fused, in Bantu (Shore) 64, 344-52

and lung right, 4 lobes, 33, 519, *rep.*

left, (Harding) 33, v-vi, *P.*; (Pan) 58, 271-2

fixed, left, lumbo-sacral, 1 case (Farquharson) 28, 303-4

floating, 1 case (Hepburn) 19, 178-85; (Lane) 20, 544, *anat. not.*

fusion, 1 case, 30, 461, *rep.*

with associated anomalies in the circulatory and nervous system, rabbit (Lucas) 68, 270-9

left side, 33, 520, *rep.*

granular, histology, 1 case (Saundby) 15, 249-51

horse-shoe (Roberts) 2, 398, *rep.*; 33, 520, *rep.*; 37, 308, *rep.*

2 cases (Turner) 7, 331-2, *rep.*

and solitary, incidence (Thompson) 48, 280-6

symmetrical, cat (Meyer) 48, 172

left-sided, with fusion of right (M'Murich) 32, 652-64

lobulated, in an adult (Buchanan) 27, vii, *P.*

pelvic see Kidneys, ectopic, pelvic

position, development and variation of (Brown) 28, 169-208

abnormal, see Kidney, ectopic

in *Raia clavata* (common thornback) (Howes) 24, 407-22, 24, xiv, *P.*

right, median, absence of right suprarenal, blind-sac oesophagus and gastro-bronchial fistula, 1 case 38, 368, *rep.*

and right ureter connected with left kidney, 40, 300, *rep.*

solitary, 2 cases (Menziess) 21, 510; 1 case (Tweedy) 28, 340-1

abdomino-pelvic, 1 specimen (Smith & Boulgakow) 59, 188-91

with double hila and ureter (Russel) 19, 220, *anat. not.*

fused, 40, 300, *rep.*

and horseshoe, incidence (Thompson) 48, 280-6

hypertrophy, compensatory, (Moore) 38, 71-81

midline (Butterworth) 39, 507, *rep.*

uro-genital system and blood vessels associated with (Harrison) 28, 401-7

supernumerary (Barlet) 39, 507, *rep.*; 1 case (Mills) 46, 313-18; 1 case (Dixon) 45, 117-21

right, 1 case (Cheyne) 34, 420, *rep.*

tumours, congenital, 38, 369, *rep.*

undersized, 37, 308, *rep.*

Kiik-Koba, Neanderthal foot (Lisowski) 99, 938, *P.* (*dem.*)

Kikuyu African, skull (Duckworth) 46, 71-80

Kingfishers, anatomy (Cunningham) 5, 386, *rep.*

belted (North America) see *Ceryle alcyon*

Kinocilia, morphological polarisation in *Octopus statocyst* (Barber) 100, 685-6, *P.*; 100, 685, *P.* (*dem.*)

Kiwi, brain (Durward) 67, 194, *P.* (*t.o.*)

see also *Apteryx australis*

Knee Joint, see Joints, Knee

Knife, glass, making, technique (Pyper & Coupland) 99, 209-10, *P.* (*dem.*)

microtome, large steel, demonstration (Davies) 72, 318, *P.*

diamond-edged, for cutting hard tissues for ultra-microtomy (Fearnhead) 92, 636, *P.*

Knock-knee, see Genu valgum

Koala, see *Phascolarctos cinereus*

Kogia maculayii, anatomy of skeletons (Gray) 8, 176, *rep.*

Kotas, *Anthropology of the Todas and Kotas of the Nilgiri Hills, and of Brahmins, Kammilaris, Pallis and Pariahs of Madras City* (Thurston) 1896, 30, 584-5, *rev.*

Kryptophanic acid (Liversidge) 6, 422-5; (Thudicum) 6, 467, *rep.*

nature (Pircher) 6, 467, *rep.*

in urine (Thudicum) 5, 226, *rep.*

Kupffer cell migration, elimination via the bronchial tree of carbon stored by rat liver macrophages suggesting Kupffer cell migration, (Nicol & Cordingley) 100, 922, *P.*

Kymograph, for use in class-work (Caton) 22, 103-6 of Ludwig and Fick, relative merits (Schummer) 2, 193, *rep.*

Labour, obstructed by teratoma on foetus, 37, 303, *rep.*

Labyrinth, carotid in amphibia *Hyla aurea* and *Leiolema*

hochsetteri (Carman) 89, 503-25

in Anura (Carman) 68, 490, *P.A.S.A.N.Z.*

(*Triturus torosus*, *Diemyctylus viridescens*) (Wislaiz) 99, 949, *P.A.S.A.N.Z.*

Subject Index

- Labyrinth**, of ear (Boettcher) 7, 344-5, *rep.*
bony and membranous, histology (Scott) 43, 329-45; 43, iv, *P.* (November 1908) (*t.o.*)
developing, nerve-endings and neuro-epithelia (Shute) 85, 425-6, *P.*
membranous, anatomy (Rüdinger) 2, 400, *rep.*
Études histologiques sur le labyrinthe membraneux et plus spécialement sur le limaçon chez les reptiles et les oiseaux (Meyer) 1876. 12, 367, *rev.*
preparation (Gray) 37, 379-81
bony, histology (Scott) 43, 329-45; 43, vii, *P.* (March 1908); 43, iv, *P.* (November 1908) (*t.o.*)
of man and seal (*Phoca vitulina*) (Gray) 39, 349-61
neural connections, development, man (Shute) 85, 359-69; 85, 417, *P.*
neuro-epithelia, development, asymmetrical (Shute) 86, 246-58
receptors, and extra ocular muscles *Die Rolle der einzelnen Labyrinthrezeptoren bei der Orientierung von Augen und Kopf im Raume* (Szentágothai) 1952. 86, 468, *rev.*
- Lacerta**, branchial derivatives (Adams) 74, 139 (*t.o.*)
Lacerta oculata, double malformation, early, 40, 297, *rep.*
Lacerta viridis, body, paraterminal (Goldby) 67, 192-3, *P.*
cord, spinal and dorsal spinal nerve roots (Goldby & Robinson) 96, 153-70
encephalospinal fibres (Robinson) 97, 490, *P.A.S.A. N.Z.*
hemispheres, cerebral (Goldby) 68, 157-215; 71, 332-55
olfactory connexions, secondary (Gamble) 86, 180-96 (*expt.*)
projection, thalamic, upon telencephalon (Powell & Kruger) 94, 528-42; 94, 451, *P.*
roots, dorsal spinal nerve, and spinal cord (Goldby & Robinson) 96, 153-70
system, nervous, sympathetic (Adams) 77, 6-11; 77, 116, *P.*
tracts, ascending, of spinal cord, experimental study of (Goldby & Robinson) 95, 287, *P.*; (Robinson) 95, 451, *P.*
vestigial structures of male reproductive organs (Howes) 21, 185-9
- Lacerta vivipara**, embryo, tail removal, effect of temperature variation (Maderson & Bellairs) 96, 416, *P.*
fracture repair (Pritchard & Ruzicka) 84, 69, *P.*
skin, tail, pigments cells, electron microscopy (Breathnach & Poyntz) 100, 549-69.
visual paths (Armstrong) 84, 70, *P.*; 84, 146-67 (*expt.*)
- Lacertilia**, arch, pterygo-quadrate (Broom) 37, 107-111
caudal autonomy (Pratt) 80, 184-8
cervical region, soft tissues (Adams) 74, 57-71
- Lacrima**, apparatus, (Bochdalek) 1, 150, *rep.*
- Lacrimal bone** (Ledouble) 35, 123, *anat. not. abs.*
absence, existence of perilacrimal ossicles, 391 skulls (Flecker) 48, 52-72
varieties (Thompson) 24, 349-57
- Lactation**, effects of high doses of oestradiol monobenzoate on endocrine glands, gonads and mammae of lactating rats (Bacsich & Folley) 72, 617-18, *P.*
excision of mammary glands during, and glycosuria (Sinty) 8, 427, *rep.* (*rabbit, dog, guinea-pig*)
neural pathways (Eayrs & Baddeley) 90, 161-71 (*rat*)
- Lacteals**, and lymph vessels, selective absorption of (Broadbent) 4, 14-16.
- Lactic acid**, ingested, effect on bones (Heiss) 11, 569-70, *rep.* (*dog*)
presence in urine (Schültzen) 2, 183, *rep.*
salts and production of sleep (Preyer) 10, 623, *rep.*
- Lacto-protein** (Hammarsten) 11, 568, *rep.*
- Lactosuria**, in pregnant women (Hofmeister) 13, 249, *abs.*
- Lacunae**, venous, of dura mater, anatomy (Sargent) 45, 69-72
- Laemargus borealis** (Greenland shark) anatomy (Turner) 8, 285-90
oviducts (Turner) 12, 604-7; 19, 221-2
viscera (Turner) 7, 233-50
- Laevocardia**, see Heart, transposition
- Lagenorhynchus albirostris**, notes (Murie) 6, 445, *rep.*
- Lagenorhynchus clanculus** (New Zealand bottle-nose whale) (Hector) 7, 173, *rep.*
- Lagenorhynchus cruciger** (Cruciger dolphin) venous modifications in (Tomlinson & Harrison) 95, 453, *P.*
- Lagenorhynchus de Castenau** (dolphin) (van Beneden) 8, 176, *rep.*
- Lama glama** L., see Camelidae
- Lamellae**, of foetal astragalus (Seymour) 41, 47
- Lamina**, dental, growth, progressive, man (Backhouse) 87, 452, *P.*
posterior elastic, of cornea (M'Donald) 10, 452, *rep.*
- Lamina terminalis**, and its relation to the fornix system, 45, 211-24
- Lamna** (shark), carotid artery (Burne) 59, 103-4, *S.P.*
- Lamna cornubica** (Porbeagle shark) erythrocytes (Gulliver) 6, 438, *rep.*
spiracles (Turner) 9, 301-2; (Ewart) 24, 227-9
- Lampetra** (lamprey) abdominal pores and urogenital sinus of (Ewart) 10, 488-93
anaesthetization (Baxter) 93, 570, *P.* (*TV dem.*)
ganglion, acoustico-facialis, cautery experiments (Fisk) 91, 568, *P.*
early (Fisk) 87, 446, *P.*
myotomes, structure and innervation (Peters & Mackay) 95, 575-85
a problematical organ (vesicular organ) (de Beer) 59, 97-107
(*L. fluviatilis*) segmental muscle, innervation and morphology (Peters & Mackay) 95, 228-9, *P.*
vascular peribranchial spaces in (Ewart) 12, 232-6
see also *Petromyzon*
- Language**, philosophy, criticism of Darwin (Müller) 7, 339, *rep.*
- Larus carus** (tern), cord, spinal, multiple canals in (Kolster) 34, 416, *rep.*
- Larynx**, *The mechanism of the larynx* (Negus) 1929. 65, 154, *rev.*
air-sacs, in orang-utan (Brash) 81, 398-9, *P.*; 81, 403, *P.* (*dem.*)
airway control (Wyllie) 1, 360, *rep.*
anatomy (Disse) 10, 453, *rep.*
applied (Lockhart) 70, 189, *P.*
articulation supernumerary cricothyroid (Gruber) 9, 397, *rep.*
cartilages, of monotremes (Symington) 34, 90-100
and muscle, *Gallus domesticus* (King & Roberts) 99, 410-11, *P.*
of chimpanzee (Humphry) 1, 254-68
and chest, in production of falsetto notes (Mandl) 6, 241-2, *rep.*
cinéfluorographic anatomy (Fabrikant & Roylance) 99, 209, *P.*
communication with extra-laryngeal sacculi, one case (Gruber) 9, 397, *rep.*

Subject Index

Larynx, (cont.)

- congenital abnormality, 44, 100, *rep.*
 development (Kallius) 33, 354 (*ref. only*); (Frazer) 44, 156-91; 44, iii, *P. (t.o.)*
 displacement, respiratory, with hyoid bone and tongue (Mitchinson & Yoffey) 81, 118-20; 80, 243, *P.*
 law of transverse vibrations of strings and (Woods) 27, 431-5
 of marsupials (Symington) 33, 31-49
 model (Lockhart) 61, 516, *P. (dem. only)*
 mucous membrane (Coÿne) 9, 396-7, *rep.*
 arrangement and structure (von Luschka) 3, 455, *rep.*
 muscles, *see* Muscles, of larynx
 nerve supply and terminal distribution (Dilworth) 59, 14, *S.P.*
 and trachea, relation to vertebral column in foetus and child (Symington) 19, 286-91
 valvular action (Brunton & Cash) 17, 363-78
 veins (von Luschka) 4, 302, *rep.*
Lateral line, sense organs connected with in fish and amphibians (Schulze) 4, 308, *rep.*
Lathyrism, and influence of beta-amino proprio nitrile on wound contraction (Craven & James) 97, 303, *P. (rat)*
Laughter, physiology and psychology of (Dumont) 9, 212-13, *rep.* (Hecker) 9, 212, *rep.*
Layers, investing, of body (Haines) 67, 202, *P. (t.o.)*
 of retina, vertebrates, process of differentiation (Mann) 63, 151, *P.*
Lead, absorption and elimination (Mayencon & Bergeret) 8, 219, *rep.*
 poisoning, palsy, pathology and review of literature (Moritz) 15, 78-87
 salts, action when injected into blood (Blake) 8, 243-9 (*dog*)
Lead-haematoxylin, staining of central nervous system (MacConaill) 81, 371-2, *P.*; 81, 376, *P.*
Lecithin, separation and chemistry (Diakonow) 2, 429-30, *rep.*
 decomposition (Diaconow) 3, 241, *rep.*
 digestibility (Bokay) 13, 245, *abs.*
Lectures, *Selected lectures and essays (including ligaments, their nature and morphology)* (Bland-Sutton) 4th ed. 1920. 55, 78, *rev.*
 Croonian, *The Croonian lectures on certain points connected with diabetes* (Pavy) 1878. 13, 290, *rev.*
Lee-Pearson formulae, instrument for calculation (Hamilton) 81, 404, *P. (dem.)*
Leg, *see* Limbs, lower
Leiopelma grande (lizard), cerebral hemisphere and its cell masses (Robinson) 100, 942, *P.A.S. A.N.Z.*
Leiopelma hochstetteri, carotid labyrinth (Carman) 89, 503-25
Lemniscus, medial, contribution to decussation, supra-optic, with a note on termination (Glees) 78, 113-17 (*cat, rabbit*)
Lemuriformes (*Lemur*), body, geniculate, lateral, laminar structure in (Chacko) 83, 56, *P.*
 brain, palaeontology (Le Gros Clark) 79, 123-6
 carpus articulation in *Chiromys madagascarensis* and others (Nayak) 68, 109-15
 cerebral gyri of (Chudzinski) 30, 312, *rev.*
 cerebral hemispheres (Gervais) 6, 444, *rep.*
 dental comb (Roberts) 75, 236-8
 fossil skull, East Africa (Le Gros Clark) 88, 568, *P.*
 Madagascar, extinct, limb bones (Carleton) 70, 199-200, *P.*
 morphology, and of crocodiles (Carleton) 72, 167-8, *P.*
 myology (Murie & Mivart) 4, 162, *rep.*

- Miocene, East Africa (Clark & Thomas) 85, 427, *P.*
 placenta and membranes (Edwards) 6, 440-1, *rep.*
 placentation (Turner) 12, 147-53
 rib, cervical (Nayak) 68, 119-21, *anat. not.*; 68, 139, *P. (t.o.)*
 viscera, thoracic and abdominal, form and position (Patten) 34, xlii-xlix, *P. July 1899*
see also *Cheirogaleus*, *Chiromys madagascariensis*, *Galago*, *Lepilemur Ptilocercus*, *Tupaia*, *Microcebus*
Length, internodal, and growth of nerves (Vizoso) 84, 342-53
Lens, absence, in embryo (Mann) 56, 96-7
 anatomy (Thin & Ewart) 10, 223-30 (*frog, sheep, rabbit*)
 capsule (Ewart) 8, 353-7 (*ox, fowl, dog*)
 chemical composition (Laptschinsky) 11, 549, *rep.* (*ox, man*)
 crystalline (Robinski) 6, 443, *rep.*; 7, 170-1, *rep.* (*man and other mammals*)
 refractive power (Hirschberg) 9, 414, *rep.*
 fibres in *Petromyzonini* (Gulliver) 3, 455, *rep.*
 malformations (Nuel) 34, 418, *rep.*
 passage of oblique rays through (Hermann) 9, *rep.* 414
Lentiform nucleus, *see* Nucleus, lentiform
Leonardo da Vinci, the Anatomist (McMurrich) 1930. 65, 556-7, *rev.*
Leopard, suprarenal gland, (Osman Hill) 72, 71-82
Lepidosiren, cells, dividing of embryo of (Bryce) 37, lxx, *P.*
Lepidosiren annectens, muscles and cranial nerves (Humphry) 6, 253-70
Lepidosiren paradoxa, gland, thymus (Bryce) 40, 91-9; 40, ii, *P. (t.o.)*
 heart conducting mechanism (Jones) 67, 197-8, *P.*
Lepidosteus, alimentary canal and pancreas (Macallum) 20, 604-36
 hyomandibular clefts and pseudobranchs of (Wright) 19, 476-99
Lepilemur, skull and other parts of skeleton (Mivart) 9, 404, *rep.*
Leprosy, aid to investigation of neurohistology of skin (Weddell, Palmer & Schofield) 90, 599, *P.*
Leptomeninges, vital staining (Woollard) 58, 89-100; 59, 57, *S.P. (t.o.)*
Leptonychotes weddelli (Weddell seal), foetal membranes (Davies) 84, 408, *P.*
 primordial cranium, 27-mm. C. R. length (Fawcett) 52, 412-41
Leptoprosopia, and hypsistaphia (Grosheintz) 34, 417, *rep.*
Lepus (rabbit) cranial bones (Himstedt) 5, 384, *rep.*
Lepus cuniculus, (rabbit) anastomosis, portal-systemic (ilio-lumbar to splenic) (Mudge) 34, iv-v, *P.* (November 1899)
 vertebral column, variation (Mudge) 32, xxvii-xxx, *P.*
 crania of 3 specimens of, with Wormian bones in coronal and saggital structures (Howes) 24, xvii-xix, *P.*
 hyoid (Howes) 30, 513-26
Lesions, cerebral, effect on oestrus in ferrets (Herbert) 91, 598, *P.*
 effect on sexual skin cycle of baboons (Zuckerman) 91, 599, *P.*
 cortical, produced by devascularization of cortical areas (Sunderland) 73, 120-9 (*macaque*)
 cutaneous, congenital and hereditary, 43, 124, *rep.*
 localized, ultrasound production in brain or other tissues (Pond & Warwick) 100, 421, *P.*
 temporal, inducing thalamic degeneration, cat (Waller) 74, 528-36

Subject Index

- Leucine** (Radziejewsky) 1, 162, *rep.*
location in body (Radziejewsky) 2, 180, *rep.*
H³, localization in thyroid gland, high resolution radio-autography, rat (Young) 97, 640, P.
- Leucocytes**, action of atropia and physostigma on (Osler) 8, 232, *rep.* (*frog, newt, man*)
action of atropine sulphate on, *in vitro* (Zeller) 11, 575, *rep.*
action of quinine on (Geltowski) 7, 346, *rep.*; (Binz) 8, 198, *rep.*
counts, during menstrual cycle, variation (MacKinnon) 87, 463, P.
differential (Romanes) 81, 403, P. (*dem.*)
formation of giant cells from (Ziegler) 9, 421-3, *rep.* (*in vivo expts: dog, rabbit*)
influence of curara on number (Tarchanoff) 11, 198-9, *rep.* (*frog*)
destruction (Brodie) 35, 142-4
diapedesis (Purves) 9, 423, *rep.* (*frog*)
significance (Koster) 3, 246, n. (*frog*)
and phagocytosis (Rouget) 10, 208-9, *rep.* (*tadpoles*)
eosinophil, in blood and bone marrow, quantitative study, sensitized guinea-pigs (Hudson) 96, 419-20, P.
and erythrocytes, film of living (Hancox) 87, 457, P.
exudation, and of erythrocytes (Stemberg) 3, 248-9, n. (*frog, rabbit*)
genesis (Onimus), 1, 367, *abs.*
in inflammation of kidneys and lungs (Key) 4, 195
migration into lymphatics of frog's tongue (Thoma) 8, 403, *rep.*
movements, amoeboid (Hoppe-Seyler) 6, 245-6, *rep.*
and numbers in relation to variation of concentration, 9, 423-5, *rep.* (*amphibians, mammals*)
pathology and physiology (Muir) 25, 352-62
phytohaemagglutinin technique, in peripheral blood of chronic lymphatic leukaemia (Metcalf *et al.*) 99, 425-6, P. (*dem.*)
technique, rat (Metcalf) 99, 411, P.
relation of fibrin coagulation to (Schmidt) 11, 195-8, *rep.* (*frog, bird mammal*)
in splenic vein (Tarchanoff & Swaen) 10, 212-13, *rep.* (*dog, rabbit*)
and O₂ in blood of splenic vein (Malassez & Picard) 10, 213, *rep.* (*expts.*)
see also Cells, blood, Corpuscles, blood
- Leucocythaemia**, pathology and physiology of (Muir) 25, 480-1
see also Leukaemia
- Leucopenia**, X-irradiation-induced, effect of cell-free thymus extracted on, young rats (Bridges & Camblin) 98, 295-6, P.
- Leucophaea maderae**, cystine (or cysteine), protein-bound, presence of substance rich in, in neurosecretory system of (Sloper) 91, 577-8, P.
- Leucotomy**, Prefrontal leucotomy and related operations: anatomical aspects of success and failure (Meyer & Beck) 1954, 89, 422, *rev.*
- Leukaemia**, *Leukemias*. Etiology, pathophysiology and treatment (Rebuck, Bethell & Monto, editors) 1957, 92, 318-19, *rev.*
analysis of urine in (Reichardt, Salkowsky) 5, 226, *rep.*
chronic lymphatic, phytohaemagglutinin technique applied to peripheral blood leucocytes (Metcalf *et al.*) 99, 425-6, P. (*dem.*)
hypoxanthin in blood in (Reichardt) 5, 224, *rep.*
see also Leucocythaemia
- Library**, Leeds University, early anatomical and medical books in (Offer) 73, 669, P. (*dem.*)
- Libyans**, perforation of olecranon fossa of humerus in, 390/682 specimens (Macalister) 35, 121-2, *anat. not.*
- Liebig's extract**, composition (Weide) 6, 471, *rep.*
- Life**, *What is life* (Gaskell) 1928, 65, 157, *rev.*
Trends of life (Wood Jones) 1953, 87, 434, *rev.*
Die Entstehung des Lebens durch stetige Schöpfung (The origin of life by continuous creation) (Lichtig) 1938, 73, 501, *rev.*
origin of (Anonymous) 4, 331, *rep.*
phenomena of, and electro-capillary forces (Becquerel) 8, 410, *rep.*
terminal forms (Cleland) 18, 345-62
- Lifespan**, *Ciba Foundation Colloquia on Ageing*, volume 5. *The lifespan of animals*, 1959, 94, 567, *rev.*
- Lifting**, weights, movements of trunk, cyclophotography (Davis & Troup) 98, 475-6, P.
- Ligaments**, *Selected lectures and essays (including ligaments, their nature and morphology)* (Bland-Sutton) 4th ed. 1920, 55, 78, *rev.*
action and nature of those developed from muscles passing over 2 joints (Thompson) 18, 406-10, (*mole, horse, bird*)
anatomy, functional (MacConaill) 71, 141, P.
of Catarrhine monkeys, and man (Keith) 28, 149-68
nature of, comparative study of limbs and vertebral column, of man and other mammals, birds, reptiles, amphibia (Sutton) part I, 18, 225-38; part II, 19, 27-50; part III, 19, 241-65; part IV, 20, 39-75; part V, 22, 542-53; part VI, 23, 256-62
structure, displayed by polarised light after clearing in syrup (MacConaill) 72, 177-8, P.
- annular**, of radio-ulnar joint (Martin) 92, 473-82; 91, 584, P.
of bodies of vertebrae, innervation (Mulligan) 91, 455-65 (*dog*)
broad, [of uterus] embryonic remains, occurrence, distribution and histological structure (Duthie) 59, 410-31
calcaneo-navicular plantar, structure and properties (Hardy) 85, 135-9
check (Lockwood) 20, 1-25
for M. levator palpebrae superioris (Whitnall) 45, 131-9
coraco-acromial (Brodie) 24, 247-52 (*comparative*)
coraco-humeral (Brodie) 24, 247-52 (*comparative*)
costo-clavicular, morphology (Cave & Brown) 86, 495, P.
nature and morphology (Cave) 95, 170-9
costo-pericardiac (Lannelongue, & le Dentu) 3, 200, *rep.*
- cruciate**, in anterior ligament of elbow joint (Hepburn) 30, 580
of knee (Stamm) 66, 80-3; 66, 139, P. (*man, chimpanzee, monkey*)
actions (Haines) 75, 373-5, *anat. not.*
anterior, elastic properties, rabbit (Smith) 88, 369-80
function and of semilunar cartilages of knee, in relation to haemarthrosis and loose bodies (Corner) 49, 429-33
posterior (Holtby) 49, 386-8
variations of (Higgins) 29, v-x, P.
- cutaneous**, of phalanges (Cleland) 12, 526-7
digits (Grayson) 75, 164-5
denticulatum, mode of termination (Parsons) 50, 11, P. (March 1915)
of head of femur (Sutton) 17, 191-3
development (Hagopoff) 33, 351 (*ref. only*)
function (Savory) 8, 291-6 (*mammalia*)
glosso-epiglottidian (Collier) 23, xvii-xviii, P.

Subject Index

- Ligaments, (cont.)**
inguinal, anatomy, comparative (Lunn) 82, 58-67
 (Archaeologica anatomica) 33, 493-7
interosseous, tarsal, 22 cases (Smith) 88, 585, P.
interspinous and supraspinous, tension changes,
 during flexion and extension of vertebral
 column (Silver) 88, 550-1, P.
intervertebral, as a source of segmental pain (Sinclair)
 83, 69, P.
ischio-trochanteric (Dwight) 8, 134-5
of larynx and vocal cords (Sutton) 23, 256-62;
 23, ix, P.
lateral, internal of lower jaw, cranial attachment and
 fibrogenesis (Cameron) 49, 210-15
of knee, nature (Sutton) 18, 225-38
medial, of knee (Sutton) 18, 225-38
nuchae, nature (Wilson) 67, 208, P. (t.o.)
 sesamoid bones in (Scapinelli) 97, 417-22; 97,
 139, P.
oblique, radio-ulnar (Fawcett) 29, 494-7
 interosseous in Punjabi (Lamont) 30, 505-6
 posterior, of knee, derivation and function of
 (Smith) 27, xxv-xxx.
of orbit (Lockwood) 20, 1-25
 orbicular, *see* Ligament, annular
periosteal, demonstration (Lockwood) 25, v, P.
peritoneal, appendiculo-ovarian (Barnsby) 33, 353
 (ref. only)
plantar, long and short, nature (Sutton) 18, 225-38
Poupart's, *see* Ligament, inguinal
pterygo-spinous (of Civinini) ossification of 27/218
 cases (Collective Investigation) 28, 67-70
 presence of, 141/218 cases (Collective Investigation)
 28, 66-8
 relation to branches of the mandibular nerve
 (Collective investigation) 28, 68-70
sacro-tuberosus, phylogenesis (Appleton) 61, 511, P.
of shoulder (Brodie) 23, xxi, P. (comparative study);
 (Rosenfield) 33, 501 (ref. only) (man and other
 mammals)
stylo-auricularis (Windle) 25, vii-viii, P.
stylohyoid, ossification (Pye-Smith, Howse &
 Davies-Colley) 5, 375-6, rep.
 unilateral, complete (Meyer) 48, 120
supracondylar accessory of knee (5/11 specimens)
 (Pendlebury) 28, iv-v, P.
supraspinous and interspinous, tension changes,
 during flexion and extension of vertebral
 column (Silver) 88, 550, P.
suspensory (Lockwood) 20, 1-25
 of fetlock of foetal horse, ox roe-deer and sambre-
 deer (Cunningham) 18, 1-12
teres, *see* Ligament, head of femur,
transverse, of knee-joint (Higgins) 29, 390-8
transverse-humeral (Brodie) 24, 247-52 (com-
 parative)
urethral, female (Zacharin) 97, 423-7
of vocal cords and larynx (Sutton) 23, 256-62; 23,
 ix, P.
zonular, of lens, and alphachymotrypsin, *in vitro*
 (Crews) 94, 287, P.
- Light**, absence, effect on ova of salamandrina, 32, 782, rep.
 artificial, effect on gonadal stimulation (Le Gros
 Clark, McKeown & Zuckerman) 72, 152-3, P.
 contrast, simultaneous (Hering) 9, 414, rep.
 deprivation, effect on visual system (Wendell-
 Smith) 98, 495, P.A.S.A.N.Z.
see also Darkness
 estimation of point of intersection of rays falling,
 excentrically on eye, 9, 219, rep.
 influence on body weight (Fubini) 10, 222, rep.
 physiological action (Dewar & McKendrick) 7, 275-82
 quantitative relation to sensation (Lowne) 11, 707-10
- Limbs, general**
 abnormalities (Chaillons & Desfosses, Regnault,
 Ballantyne & Elder) 31, 463, rep.
Über Missbildungen der Extremitäten (Schönenberg)
 1962, 96, 544-5, rev.
 and of organs, urogenital, with congenital
 absence of penis, 37, 308, rep.
see also Peromelus
 absence, congenital, below knee, right, descrip-
 tion of anomalous spinal cord (Romanes) 77,
 1-5
 arteriograms (Styles) 31, xxxviii (t.o.)
 bones, development, horse (Ewart) 28, 236-56; 28,
 342-69
 of lemurs, of Madagascar, extinct (Carleton)
 70, 199-200, P.
see also individual bones
 buds, hind, *see* Buds, limb
 changes in spinal cord 15 years after operation
 for amputation (Dreschfeld) 14, 424-31
 development, innervation and position (Paterson)
 23, 283-99
 of skeleton of (Rosenberg) 7, 334 (pig, Elen,
 sheep, horse, birds)
 embryology, *Formation du squelette des membres chez*
l'homme (Olivier) 1962, 97, 297, rev.
 of enaliosaurians (Gegenbaur) 4, 308-9, rep.
 evolution (Cauna) 97, 23-34 (human & compara-
 tive)
 foetal, dissections (Bowden) 81, 387, P. (dem.)
 homologies (Wilder) 7, 334, rep.
 and jaw, sizes, relative (Shepherd, Sholl & Vizoso)
 84, 60, P.
 myology of Aï [three-toed sloth], the two-toed
 anteater, unau [two-toed sloth] and pangolin
 [scaly anteater] (Humphry) 4, 17-78
 of *Pteropus*, myology (Humphry) 3, 294-319
 short *see* Brachymelia
 of snakes (Bellairs) 85, 410-11, P.
 supernumerary, in Dorking fowl and other ab-
 normalities (Paterson) 21, 180-4
 experimental production, in amphibian embryo
 (Brandt) 81, 373-4, P.
 in frog (Gemmell) 40, 387-95
 symmetry and homology of (Wyman) 2, 404, rep.
 thoracic and pelvic, morphology (Martins) 7, 334,
 rep.
 in vertebrata (Gegenbaur) 5, 199-200, rep.
 comparison (Humphry) 10, 659-71
 morphology (Thompson) 20, 532-5
 origin (Geddes) 46, 350-83
 xenografted, innervation, *Eleutherodactylus martini-*
censis embryo (Hughes) 98, 385-96
 of *Xenopus*, development of abnormalities, after
 nitrogen mustard (Tschumi) 88, 566, P.
see also Ectromelia; Orthopaedic surgery; Posture
- Limbs, fore**,
 cetacea, observations, with reference to hyperphalan-
 gism and polydactylism (Symington) 40, 100-9;
 40, ii, P. (t.o.)
 evolution, and of shoulder girdle, tetrapod (Wat-
 son) 52, 1-63
 myology of *Dasyurus viverrinus* and *Phalangista*
vulpina (MacCormick) 21, 103-37
 regeneration, in salamander (Philippeaux) 1, 368,
 abs.
 seal, increasing specialization (King) 98, 476-7,
 P.
 and upper, skeleton, embryology (Rutherford) 48,
 355-77 (comparative)

Subject Index

Limbs, hind,

- buds, *see* Buds, limb, hind
- of *Ichthyosaurus platyodon* (Thompson) 20, 532-5
- innervation, cat (Jefferson) 86, 493, *P.*
- myology of *Dasyurus vicerrinus* and *Phalangista vulpina* (MacCormick) 21, 199-226
- nerve supply, *Macaca rhesus* (Sherrington) 26, xv, *P.*
- nerves, in thylacine and cuscus (Cunningham) 15, 265-77
- osteometric study, Galagidae and *Tarsius spectrum* (Hall-Craggs) 99, 119-26
- pronation and supination in marsupials (Young) 15, 392-4
- rudimentary, of Greenland right whale (*Balaena mysticetus*), bones and joints (Struthers) 15, 141-76; muscles, 15, 301-321
- of *Balaenoptera musculus*, *Megaptera longimana* and *Balaena mysticetus* (Struthers) 27, 291-335

Limbs, lower

- Baillière's *Synthetic anatomy*, part V, the leg (Cheesman) 1929. 64, 537, *rev.*
- arterial vascular patterns (Woollard & Weddell) 69, 25-37
- arteries, nerve supply (Blair & Bingham) 63, 162-3, *P.*
- attachment to vertebral axis, variability in level (Birmingham) 25, 526-34
- congenital abnormality (Wagstaffe) 7, 156-60; (Craig & Symington) 12, 419-26; 31, 463, *rep.*; 42, 138, *rep.*
- congenital absence (Ogle) 8, 358; 35, 507, *rep.*
- central nervous system (Walls) 74, 141, *P.*
- fusion, *see* Sympus dipus
- multiple and of upper limb, 43, 124, *rep.*; (de Lima) 62, 333-8
- supernumerary (Keith) 33, 1
- in male frog (*Rana palustris*) (Tuckerman) 20, 516-19
- cutaneous nerves (Kosinski) 60, 274-97
- cutaneous sensibility in (Paulus) 7, 180, *rep.*
- duplication, in sparrow (*Passer domesticus*, L.) (Stoneman) 66, 430-1, *anat. not.*
- inequality of length of (Garson) 13, 502-7 (70 skeletons)
- morphology, in relation to function, in Punjabis (Charles) 28, 1-18
- muscles, extensor and flexor and of fore-arm (Humphry) 3, 320-34 (*human and comparative*)
- teratological literature on (Windle) 34, 421-3

Limbs, upper

- abnormalities (Macalister) 2, 165, *rep.*; (Coles) 4, 306, *rep.*; 42, 138, *rep.* (Shore) 62, 118-20
- changes in central nervous system in (Variat) 26, 439, *rep.* (1 case)
- changes with oligamnios, 33, 524, *rep.*
- duplicity, 36, 305, *rep.*
- fusion (Jolly) 26, 440, *rep.*; (Dwight) 27, 423-4, *rep.*
- hypertrophy, congenital and progressive (Osler) 14, 10-12
- multiple, 1 subject (Pohlman) 42, 433-7
- and of lower limb (de Lima) 62, 333-8
- supernumerary, in boy, 33, 515, *rep.*
- teratological literature on (Windle) 34, 421-3
- absence (human foetal twin) (Harker) 9, 182-4
- left, cortex cerebral and, study (Moorhead) 37, 46-9
- bones, of *Proconsul africanus*, reconstruction (Napier & Davis) 91, 593, *P.*
- bursae mucosae (Gruber), 2, 166, *rep.*
- of Crinoids, anatomy (Carpenter) 11, 87-95
- length, maximum, in abduction of shoulder (Cyriax) 57, 382-4

- movements of shoulder girdle involved with (Cathcart) 18, 211-18; (Cleland) 18, 275-8
- nerves, blood-supply (Ramage) 61, 198-205
- sympathectomy, results in (Barcroft & Hamilton) 83, 58, *P.*

of *Talpa europaea* (mole) (Freeman) 20, 201-19

Limbus fossae ovalis, *see* Annulus ovalis

Limestone Crevice, remains of skeletons found in (Patten & MacConaill) 70, 193-5, *P.*

Limicolae, American, osteology (Shufeldt) 19, 51-82

Limpet, *see* *Patella vulgata*

Limulus, anatomy (Edwards) 7, 338, *rep.*

Limulus polyphemus (American king crab) anatomy (Owen) 8, 178, *rep.*

development (Packard) 7, 338, *rep.*

embryology (Packard) 6, 449, *rep.*

Lines, cleavage, tension lines and hair tracts in man (Wood Jones) 75, 248-50

epiphyseal in bones (Cope) 55, 36-7

of Frommann, in nerve fibres, method of demonstrating (Stirling) 24, 607

fusion, *see* Line, epiphyseal

lateral, course, fishes, prefishes, *Necturus* (Allis) 68, 361-415

latero-sensory, cranial bones and snout of *Stegoccephali* compared with those in fishes (Allis) 70, 293-316

temporal (von Jhering) 10, 440, *rep.*

tension, cleavage lines and hair tracts in man (Wood Jones) 75, 248-50

Lineidae, central nervous system, and cephalic sacs of (McIntosh) 10, 231-52

Lingula, caudal segments of spinal cord to, in *Ateles* (spider monkey) (Chang & Ruch) 83, 303-7

Lioplepis belli, myology (Sanders) 7, 338, *rep.*

Lion, cub, bilateral venae cavae (Franklin) 80, 111, *anat. not.*

patent foramen ovale and ductus arteriosus (Franklin) 80, 209

nerves, aortic and sinus (Amoroso et al.) 85, 411, *P.*

suprarenal gland (Osman Hill) 72, 71-82

see also *Felis leo*, L.

Lip(s), arrangement of muscular fibres near margin (Duckworth) 44, 349-53 (*primates*)

buccopharyngeal upper (Allis) 66, 649-58 (*vertebrates*)

cleft, *see* Cleft

double congenital fistulae, 44, 100, *rep.*

upper, classification, mammals (Boyd) 67, 409-16; 67, 210, *P.*

development, early human embryo (Warbrick) 94, 351-62

and lower, muscles (Henke) 10, 443, *rep.*

Lipase, distribution in alimentary tract and associated glands (Martin) 90, 440-54 (*cat, dog, guinea-pig, rabbit, rat, mouse*); 86, 497, *P.*

Lipids, *Adipose tissue as an organ* (compiled and edited by Kinsell) 1962. 97, 292, *rep.*

content of rabbit hyaline and articular hyaline cartilage (Stockwell) 97, 146, *P.*

distribution in articular cartilage (Hart & Silva) 100, 937, *P.A.S.A.N.Z.*

distribution in cortex of suprarenal gland, rat (Lever) 89, 293-300

intracellular, in kidney, cat (Lobban) 89, 92-9

Lipofuscin, in human nerve cells (Issidorides & Shanklin) 95, 151-9

Lipoids, in adrenal gland, variation of distribution (Harrison & Cain) 81, 286-99 (*rat*); 81, 385, *P.*

content in reproductive tract, hormonal control, female guinea-pig (Nicol & Snell) 88, 562, *P.*

Subject Index

Lipoids, (cont.)

- of cortex, suprarenal glands, variations with sex and age (Whitehead) 67, 393-8 (*mouse*); guinea-pig, 69, 72-8; 70, 123-5; 70, 380-5
- in ova zygotes (Robinson) 59, 109-11, *S.P. (ferret, mouse)*
- Lipoma**, congenital, of neck, 38, 366, *rep.*
- of inferior gomellus, 33, 524, *rep.*
- pendulum caudiforme, with intrauterine amputation of forearm, 38, 370, *rep.*
- of toe, child, 35, 508, *rep.*
- Listing's Law**, apparatus for demonstration (Hermann) 9, 219, *rep.*
- Lithium sulphate**, effects of intravenous and intra-arterial injection (Blake) 7, 201-9 (*rabbit*)
- Lithopaedion**, case (Dean & Marnoch) 28, 77-83
- Litters**, size decline with age (Ingram, Mandl & Zuckerman) 91, 600, *P.*
- Liver**, *Die Menschliche Leber im Elektronenmikroskop. Untersuchungen an Leberpunktaten* (Cossel) 1964. 100, 206, *rev.*
- action of mercury on (leading article) 7, 352, *rep.*
- anatomy, and physiology (Asp) 9, 430-2, *rep. (rabbit)*
- topographical (Addison) 35, 290-4
- appearance, abnormal, in rabbit (Saundby) 12, 384
- atrophy, acute yellow, histology (Dreschfeld) 15, 422-30
- bile secretion by (Socoloff) 11, 204, *rep. (dog)*
- biopsy, *Liver biopsy. An atlas of histologic appearances* (Shorter) 1961. 96, 410, *rev.*
- blood supply, abnormal in *Rana temporaria*, 1 specimen (Mudge) 33, 54-63; 33, lv, *P.*
- canals, inter- and intra-cellular, in frog (Fraser & Fraser) 29, 240-3
- carbohydrate metabolism in, chick embryo (O'Connor) 86, 482, *P.*
- carbon dioxide in, source and excretion (Charles) 19, 166-70
- cells, differentiating, glycogen (O'Connor) 87, 445-6 (*chick embryo*)
- production, in developing chick (Perry) 88, 571, *P.*
- see also* Cells, hepatic
- changes, after ligation of bile duct (Legg) 8, 420-1, *rep. (cat)*
- after occlusion of portal vein (Solowieff) 9, 437, *rep.*
- histological, and ligation of portal vein (Solowieff) 7, 187, *rep. (animals)*
- in tryptophan deficiency (Cole & Scott) 85, 420, *P. (adult rat)*
- cholinesterase distribution (Ballantyne) 100, 704-5, *P. (dem.) (rabbit)*
- cirrhotic (Harman) 33, xvii-iii, *P.*
- fibrous tissue in development (Hamilton) 14, 185-94
- histology (Dreschfeld) 15, 69-77
- congenital abnormalities (Wakefield) 33, 50-3
- multiple, 1 subject (Barclay-Smith) 43, 346-8
- cystic degeneration of heart, kidneys and spleen in 77-year-old man (Meigs) 27, 454-63
- development and morphology, mammals (Charnock Bradley) 43, 1-42; 43, iii, *P. (July 1907) (t.o.)*
- embryonic, correlation of morphological and biochemical changes during development (Pollak & Ward) 100, 944, *P.A.S.A.N.Z.*
- enzymes, actions of acids and alkalies on (Ebstein & Müller) 11, 563, *rep.*
- of *Erinaceus europæus* (Carlier) 27, 107-11
- fissures, due to cicatrix (Parsons) 33, xvii, *P.*
- morphology (Thomson) 33, 546-64; 33, xxii, *P.*

- foetal (4.5 cm. stage) model, (Gladstone) 59, 89, *S.P. (dem.)*
- haemopoiesis, changes (Thomas, Russell & Yoffey) 94, 576-7, *P.*
- functions, embryonic (Frazer) 54, 116-24
- glycogen content, in diabetic patient (post mortem) (Kulz) 11, 564, *rep.*
- effect of diet, arsenious acid, and amyl nitrite (Konjokoff) 11, 564, *rep. (rabbit)*
- effect of ligation of bile duct (Kulz & Frerichs) 11, 564, *rep. (guinea pig, rabbit)*
- in newly-born children (Salomon) 9, 439, *rep.*
- formation of, in (Flint) 4, 189, *rep.*; (Dock) 7, 187, *rep.*; (Luchsinger) 8, 418, *rep.*; (Salomon) 8, 419-20, *rep. (rabbit)*; (Luchsinger) 9, 238-9, *rep. (hen, rabbit)*; (Pink, Heidenhain) 9, 438-9, *rep. (starving rabbit)*; (Salomon) 9, 438-9, *rep.*; (Mayer) 13, 122-3, *abs. (rabbit)*
- glycogenic function (Flint) 3, 463, *rep.*
- and diabetes (Bernard) 8, 418, *rep.*
- La glycogénie animale* (Seegen) 1890. 24, 614, *rev.*
- growth (Gladstone) 59, 81, *S.P.*
- post-natal and of kidney and thyroid gland (Gladstone) 58, 170-7
- rate, analysis, foetal sheep (Dick) 89, 577, *P.*
- haemopoiesis (Havet) 60, 233-58 (*mammals*)
- foetal mouse (Thomas) 100, 932, *P.*
- haemopoietic foci, distribution in infants, 430 cases (Emery) 90, 293-7
- hernia, intrapericardial, simulating double heart, rabbit (Thomson) 35, xvi-xix, *P.*
- injection of veins, exhibition of specimen (Keith) 44, 1, *P. (dem.)*
- innervation (Pflüger) 4, 188-9, *rep.*
- intrinsic innervation, evaluation of cholinesterase techniques (Sutherland) 98, 321-6 (*monkey, guinea-pig, rat*); 97, 300-1, *P. (monkey, guinea-pig, rat)*
- iron content (Picard) 9, 420, *rep.*
- isolated, properties of walls of blood vessels of (Mosso) 10, 636-9, *rep. (dog)*
- right and left, arrangement (Cantile) 32, iv-ix, *P.*
- Reidel's (Leaf) 33, xviii-xx, *P.*
- lobulation and fixation, in primates (Keith) 33, xxi-ii, *P.*
- lobules, and connective tissue, camel (Turner) 11, 354-6
- and cell, liver, during post-natal growth, pig (White) 73, 365-86
- during post-natal growth, pig (White) 73, 365-86
- morphology and development, mammals (Charnock Bradley) 43, 1-42
- nerve endings in acinous glands (Pflüger) 5, 379, *rep.*
- in organ culture at hyperbaric pressures of oxygen (MacDougall *et al.*) 99, 192, *P. (mouse, rat)*
- origin (Shore) 25, 166-97 (*invertebrates, vertebrates*)
- regenerating, effect of gamma irradiation on DNA synthesis (Malor) 100, 945, *P.A.S.A.N.Z. (mouse)*
- secretion (Socoloff) 10, 650, *rep.*
- sections (Shore & Jones) 24, vii-viii, *P. (vertebrates)*
- and septum transversum, of 23 somite embryo (Thompson) 42, 170-5; 43, ii, *P. (March 1907) (t.o.)*
- size, in relation to spleen in stimulation of splenic nerves (Drosdoff & Botschetschkaroff) 11, 204-5, *rep. (dog)*
- structure (Schmidt) 5, 196, *rep.*
- minute (Asp) 4, 334-5, *n.*
- tumours, multiple (1 case) (Dreschfeld) 14, 329-36
- urea formation in (Munk) 10, 650, *rep.*
- in vertebrates (Eberth) 2, 398, *rep.*

Subject Index

Liver, (cont.)

- variations (Thomson) 19, 303-6
- lobes (Rolleston) 27, xxxi-iii, *P.*
- accessory, 33, 520, *rep.*
- two right and two left (Parsons) 38, xxxiii-xxiv, *P.*
- left, congenital absence (Kantor) 39, 506, *rep.*
- 1 case enlarged, one case small (Harman) 34, xlix-li, *P.*, July 1899
- left, rudimentary (Wakefield) 33, 50-3; (Mouchet) 33, 353 (*ref. only*)
- right (Heller) 5, 380, *rep.*
- caudate, absence (Wakefield) 33, 50-3
- quadrate, development, unusual anomaly, 1 specimen (Thompson) 48, 222-37
- rudimentary (Wakefield) 33, 50-3
- Lizards, cochlea (Shute & Bellairs) 87, 438, *P.*
- epiphyseal structure (Haines) 75, 282-94
- microsmatic, *see Anolis*
- muscles, flexor of forearm and hand (Haines) 84, 13-29
- skin (Hulke) 3, 417-19
- see also Crocodilia, Egernia cunninghamii, Egernia kingii, Hatteria, Lacerta vivipara, Lacerta viridis, Leiopisma grande, Tiliqua scincoides*
- Llama, female, anatomical notes (McIntosh) 64, 352-62
- Lobelina, action on circulation (Ott) 9, 420, *rep. (cat, rabbit)*
- Lobe(s), cerebellar (Bradley) part I, 38, 448-75; part II, 39, 99-117
- cerebral, proportion, relative (Manouvrier) 33, 353 (*ref. only*)
- in man and higher vertebrates (Marshall) 10, 444, *rep.*
- frontal, *Die Morphologie des Stirnlappes der Insel der Anthropomorphen* (Marchand) 1893, 27, 564, *rev. (gorilla, chimpanzee, orang)*
- Mechanism of the brain and the function of the frontal lobes* (Bianchi, trans. by MacDonald) 58, 282-3, *rev.*
- Functional localization in the frontal lobes and cerebellum* (Fulton) 1949, 84, 57, *rev.*
- Die Architektonik des menschlichen Stirnhirns* (Sanides) 1962, 97, 465-6, *rev.*
- limbic, morphology (Smith) part I, 30, 157-67; part II, 30, 185-205; note, 30, 450 (*rabbit, pig, dog, guinea-pig, sheep, rat, man*)
- of lung, *see Lung(s)*
- occipital, in mammals (Benedikt) 13, 267 (*t. & ref. only*)
- in brain of Chinese, reference to lunate sulcus (Shellshear) 61, 1-13
- olfactory, anterior, *The anterior olfactory lobe of the guinea pig* (Lohman) 1963, 98, 280, *rev.*
- of pancreas, accessory, 32, 791, *rep.*
- parietal, cerebral cortex, circular depression, 42, 136, *rep.*
- pyriform, *Studies on the pyriform lobe* (Valverde) 1965, 100, 677, *rev.*
- Spigelian, *see Liver, lobe, caudate*
- temporal, lesions of, clinical and pathological investigation (Carmichael & Hamilton) 14, 221-8
- projection of pulvinar to (Simpson) 86, 20-8 (*Macaca mulatta*)
- thalamic connexions, monkey (Le Gros Clark) 70, 447-64; 71, 149, *P. (t.o.)*
- Lobster, eye (Newton) 8, 178, *rep.*
- head (Young) 14, 348-50
- regeneration of feeler of antenna of (Howes) 16, 47-9
- see also Macrurous crustacea*

- Localisation, of lesions, *Lectures on nervous diseases from the standpoint of cerebral and spinal localisation* (Ranney) 1888, 24, 611, *rev.*
- tactile, (Stopford) 55, 249-55
- Locking mechanism, *see Stop mechanism*
- Locomotion, *Mechanics of normal and pathological locomotion in man* (Steindler) 1935, 70, 586, *rev.*
- human (Wilder) 6, 444, *rep.*; (Carlet) 7, 169, *rep.*
- experiments (Marey) 9, 245, *rep.*
- terrestrial, of bipeds and quadrupeds (Marey) 7, 329, *rep.*
- see also Movements*
- London, Report of the Clinical Society, to investigate spina bifida and its treatment by the injection of Dr Hunter's Iodo-glycerine solution, 20, 546-7, *rev.*
- Loop, duodenal, abnormal (Taylor) 43, ii (March 1907) (*t.o.*)
- Lopsided generations (Hollis) 9, 263-71
- Loris, oogenesis in adult (Rau) 69, 152, *P. (t.o.)*
- slow, *see Nycticebus*
- Loris tardigradus, *see Galagidae*
- Lumbricidae, duplicity (Korschelt) 39, 503, *rep.*
- Lumbricus, development (Raetzel) 4, 161, *rep.*
- and Nephelis, development (Raetzel) 4, 307, *rep.*
- nervous system of, in *Biologische Untersuchungen*, volume III (Retzius) 1892, 26, 577, *rev.*
- Lunate and triquetral bones, fusion (McConnell) 41, 301-3
- Australian aboriginal (Smith) 42, 343-6
- 2 cases, negroes (Derry) 41, 56-8
- bilateral, 38, 372, *rep.*
- Lung(s), *The anatomy of the lymphatic system, part II, the lung* (Klein) 1875, 10, 435-6, *rev.*
- Segmental anatomy of the lungs. A study of the patterns of the segmental bronchi and related pulmonary vessels* (Boyden) 1955, 90, 158-9, *rev.*
- The lung: clinical physiology and pulmonary function tests* (Comroe, Forster, Dubois, Briscoe & Carlsen) 1955, 90, 157-8, *rev.*
- Lung structure* (Engel) 1962, 98, 140-1, *rev.*
- Ciba Foundation Symposium on pulmonary structure and function* (edited by de Renck & O'Connor) 1962, 97, 132, *rev.*
- Morphometry of the human lung* (Weibel) 1963, 98, 457, *rev.*
- and air sacs, maximum capacities, *Gallus domesticus* (King & Payne) 96, 495-503
- anomalies, *see Lung(s) variations*
- blood supply (Walls) 84, 81, *P.*
- carbonic acid excretion by (Lossen) 1, 359, *rep.*
- of ceratophrys (Rau) 58, 306-27
- changes, after section of vagi (Genzmer) 8, 185, *rep.*
- produced in, by *Strongylus filaria*, in sheep (Bewley) 21, 374-7
- circulation (Küttner) 9, 221, *rep.*; (Pfeiffer & Quincke) 6, 484, *rep. (dog)*
- (Hüter) 8, 188, *rep. (frog)*
- communication with systemic circulation in *Rana temporaria* (Mudge) 33, 54-63; 33, iv, *P.*
- crystalline constituents of (Grübler) 11, 558, *rep.*
- Delphinus delphis* (dolphin) structure (Barbosa) 50, 285-92
- demonstration (Waters & Bradshaw) 37, lxx, *P.*
- developing, light and electron microscopy, rat (Leeson, T.S. & Leeson, C.R.) 98, 183-93
- development, mice and rats (Robinson) 23, 224-41
- dog, preparation (Keith) 44, i, *P. (dem.)*
- elastic tissues (Miller) 40, 162-70; 40, v, *P. (t.o.)*
- epithelial lining to air-vesicles (Chrzonszczewski) 1, 148, *rep.*

Subject Index

Lung(s), (cont.)

- epithelioma, primary, with metastases to kidney, vertebrae and ribs (Hoyle) 17, 509-16
- fixation and vascular perfusion (Towers) 88, 577-8, *P. (rat)*
- form in *Artiodactyla* (Brown) 88, 557-8, *P.*
- gaseous exchange in blood (Müller) 5, 221-2, *rep.*
- haemorrhage, after cerebral injury (Nothnagel) 8, 397-8, *rep. (rabbit)*
- innervation, foetus (Spencer & Leof) 98, 599-609 *see also Nerves*
- lobes, right upper, arteries and veins (Appleton) 79, 97-120; 80, 216, *P.*
see also Lung(s), variations
- maintenance in health, and in phthisis (Salkowski) 7, 357, *rep.*
- Manis, preparation (Keith) 44, i, *P. (dem.)*
- in *Phoca vitulina*, structure (Pizey) 88, 552, *P.*
- pigment, source of (Koschlakoff) 1, 359, *rep.*
- pressure, atmospheric, influence of change on body (Liebig) 6, 234, *rep.*
- radiographs, showing distribution or radio-opaque dusts, cat (Barclay & Franklin) 74, 559, *P. (dem. only)*
- roots, interlobar approach (Appleton) 80, 223, *P.*
- segments, broncho-pulmonary, sheep (Hare) 89, 387-402
- segments, broncho-pulmonary, concept applied to *Artiodactyla* and *Carnivora* (Brown) 89, 561-2, *P.*
- shape, foetal (Huntington) 33, 503, *anat. not.*
- structure, minute (Hirshmann & Chrzonszczewsky) 1, 357, *rep.*
- temperature (Albert & Stricker) 8, 427, *rep.*; 9, 247, *rep. (expts.)*
- variations (Lawrence) 40, xi, *P. (t.o.)*
 - accessory, with congenital diaphragmatic hernia, 18-month foetus (Cockayne & Gladstone) 52, 64-96; 51, 8-9, *P. (June 1916)*
 - lobes (Maylard) 20, 34-8
(human and comparative) (Allen) 16, 605-14
 - of azygos, 1 case (Collins) 20, 32-3
note on (Chiene) 4, 89-90.
 - right (Gruber) 5, 196, *rep.*; (Chiene & Cleland) 5, 196, *rep.*; (Collins) 8, 388, *rep.*; (Matthews) 32, xxxiv-viii, *P.*; 3 cases (Dévé) 34, 419, *rep.*; 1 case (Fischer) 34, 419, *rep.*; (Du Séjour) 39, 505, *rep.*; (Stibbe) 53, 305-14; (Cairney) 58, 54-8 (2 cases); (Brown) 92, 672, *P.*
cause of (Cleland) 4, 200.
 - left (Lawrence) 31, xxx-i, *P.*; (Humphrey) 19, 345-6
accessory (Humphrey) 19, 345-6
with three lobes, right with four (Bowles) 28, ii-iv, *P.*
 - right, accessory, 1 case (Simpson) 42, 221-5
inferior, 33, 519, *rep.*
middle, absence (Hepburn) 59, 326-7
two additional (Paterson) 44, 394-5, *anat. not.*
4 and pelvic kidney, 33, 519, *rep.*
- lymphatics (Klein) 8, 390, *rep.*
- lymph vessels, anomalous richness (Macklin) 88, 563, *P.*
- reconstruction, 12 mm. human foetus (Engel) 98, 300, *P. (dem. only)*
 - apex, apparent triplication (Geddes) 45, 11-15
 - congenital absence, with absence of right bronchus and pulmonary vessels (Findlayson) 36, xxxviii, *P.*
 - congenital atrophy (Ponfick) 5, 196, *rep.*
 - possessing lobus impar (cardiac lobe?) (Pozzi) 8, 174, *rep.*

- with four lobes, left with three (Bowles) 28, ii-iv, *P.*
- showing only one fissure, specimen (Stibbe) 64, 127, *P.*
- fissure, anomalous (Davies & Stibbe) 63, 156, *P.*
- vestibule, absence in *Gallus domesticus* (Payne & King) 93, 577, *P.*
- volume, *Gallus domesticus* (King & Payne) 92, 656, *P.*
see also Bronchus
- Lung-fish**, *see* *Dipnoi*
- Luteinization**, factors involved in (McKeown & Zuckerman) 72, 153-4, *P.*
- Lutra vulgaris* (common otter) biliary passages (Burne) 33, xx-xxi, *P.*
- Luxus-consumption** (Voit) 4, 321, *rep.*
- Luys**, centre median nucleus of, *see* *Nucleus*, sub-thalamic
- Lycaon pictus* (Cape hunting dog) notes on (Cunningham) 31, xl, *P. (t.o.)*
- Lycotonia**, action (Ott) 10, 657-8, *rep. (frog)*
- Lygosoma*, skull and related structures of late embryo (Pearson) 56, 20-43; 59, 15, *S.P.*
- Lymph**, absorption, by tendons and fasciae (Generich) 6, 228-9, *rep. (dog)*
 - and blood, model of circulation (Charles) 22, 435-40
 - cells, differentiating, following open-heart surgery, ultrastructure (Mandel) 100, 938, *P.A.S.A.N.Z.*
 - sheep (Heath, Lascelles & Morris) 96, 397-408
 - collection of large quantities (Lesser) 7, 184, *rep. (curarized dogs)*
 - factors influencing formation (Nasse) 7, 354-5, *rep. (dog)*
 - gases, and blood gases, difference between, in asphyxia (Tschiriew) 10, 646, *rep. (dog)*
 - content, in dog (Hammersten) 7, 189, *rep.*
 - influence of curara on volume of (Tarchanoff) 11, 198-9, *rep. (frog)*
 - of liver (Fleischl) 9, 433-5, *rep. (curarized dog)*
 - peripheral, route to blood stream, x-ray study of barrier theory (Engeset) 93, 96-100 (*rat*)
 - propulsion of from lymphatic hearts (Jones) 3, 201-2, *rep. (frog)*
 - secretion, in fore-limbs of dog (Paschutin) 8, 199-203, *rep.*
 - in relation to blood flow (Emminghaus) 9, 231-2, *rep. (dog)*
- Lymph, drainage**, arterial pulsation, effect, apparatus, demonstration (Harris & West) 76, 229, *P.*
 - of bone marrow (Fuller & Monro) 98, 485, *P.A.S.-A.N.Z. (cat)*
 - of the human heart (Shore) 63, 291-313
 - of thyroid gland (Walker) 68, 126-7, *P.*
 - of spinal nerves, rabbit (Field & Brierley) 82, 198-206, 83, 76, *P.*
 - of skin grafts (Scothorne) 91, 608-9, *P.*
 - of the skin, with a note on lymphatic watershed areas (Forbes) 72, 399-410
 - thymus, especially extrinsic vessels, guinea-pig (Harris & Templeton) 100, 694, *P.*
- Lymph duct**, deep cervical, mucous membrane, nasal, cat and monkey (Yoffey & Drinker) 74, 45-52
- Lymph flow**, thoracic duct, during primary hypoxia, and rebound (Evans *et al.*) 99, 207, *P. (guinea-pig)*
- Lymph nodes**, *Contributions to the physiology and pathology of the breast and its lymphatic glands* (Creighton) 1878, 13, 118-21.
- The surgical anatomy of the lymphatic gland* (Leaf) 33, 354-5, *rep.*
- activated by fresh tissue homografts, histochemistry (Burwell) 97, 629, *P. (rabbit)*

Subject Index

Lymph nodes, (cont.)

- aggregated, in caecum and colon of mammals (Dobson) 18, 388-92 (*certain insectivorous rodents*) and arteries, common and external iliac (Committee of Collective Investigation) 32, 172-7
- relation to and internal iliac artery (Committee of Collective Investigation) 31, 36-7; 31, 620-1 (9 cases)
- cervical, myeloid metaplasia in, normal guinea pig (Yoffey & Bhuyan) 98, 681, P.
- changes, cellular, following homografting, rabbit (Scothorne & McGregor) 89, 283-92
- regional, induced by homo- and heterografts of cartilage, rabbit (Craigmyle) 89, 576, P.; 92, 74-83
- cholinesterases in (Ballantyne) 98, 689-91, P. (*mammal*) (*dem.*)
- conversion into haemolymph nodes (Lasnitzki) 83, 59, P.
- 1:2:5:6-dibenzanthracene, effects, rat (Lasnitzki & Woodhouse) 78, 121-9
- dorsal (Meyer) 48, 108
- effects of large doses of cortisone on (Field) 90, 428-39 (*rabbit*)
- in *Echidna*, histology (Basir) 75, 267-8, *anat. not.*
- of *Erinaceus europus* (Carlier) 27, 354-60
- formation, experimental, in thymus, after injection of histamine, guinea-pig (Kotani *et al.*) 100, 585-91
- following intraventricular injections of Chinese ink, rabbit (Brierley & Field) 81, 404, P. (*dem.*)
- Gerota's method of injection (Jamieson & Dobson) 43, ii, P. (July 1907) (*t.o.*)
- and haemopoiesis and other researches into blood (Gibson) 20, 100-13; 324-53; 456-74; 674-91 (*dog*)
- of heart (Shore) 62, 125-34 (*sheep, rabbit, man*)
- histology, general structure, reticulum, germ centres (Bunting) part I, 39, 55-68; part II, 39, 178-96
- histochemistry, normal, and of those activated by fresh tissue homografts (Burwell) 97, 629, P. (*rabbit*)
- immune, and tissue, homologous, interaction, *in vitro* studies (Scothorne & Nagy) 94, 454, P. (*mouse*)
- of lungs (Klein) 8, 390, *rep.*
- mammary (internal) (Stibbe) 52, 258-64; (Turner Warwick) 94, 284-5, P.
- mesenteric, and fat transport pathway (Greatrex & Scotthorne) 97, 628, P. (*rabbit, rat, guinea-pig, sheep*)
- polysynthetic and oligosynthetic, classification (Olson & Yoffey) 100, 422, P.
- prescapular and drainage of the skin (Henderson) 80, 107-10 (*ox*)
- regional, changes induced by cartilage homo- and heterografts, rabbit (Craigmyle) 92, 74-83; 89, 576, P.
- effect of cortisone acetate on the response of, to a skin homograft (Scothorne) 90, 417-27 (*rabbit*)
- changes following skin homografts (Scothorne & McGregor) 88, 579, P. (*rabbit*)
- first, draining homografts of red bone-marrow, marrow-free cancellous bone and certain stored bones (Burwell) 94, 575-6, P. (*rabbit*)
- first, changes after homografts and autografts of cancellous bone (Burwell) 94, 455, P. (*rabbit*)
- first, draining second-set homografts and autografts of fresh cancellous bone, changes in (Burwell) 95, 607-8, P.
- and serous membranes (Klein) 8, 390, *rep.*

- of stomach (Gray) 71, 492-6; 72, 144, P.
- subepithelial, anatomy, comparative (Digby & Enticknap) 86, 475-6, P.
- submaxillary and submental (Stahr) 33, 504 (*ref. only*)
- in submaxillary salivary glands (Blair) 64, 111-12, P.
- tracheobronchial (Nelson) 66, 228-41
- Lymph organ, abdominal, shrew (Holmes) 98, 296-7, P.
- Lymph-spaces, in eye-ball (Schwalbe) 5, 195, *rep.*
- system, *see* System(s)
- Lymph tissue, abdominal, anatomy, histology, ultra-structure, shrew (Holmes) 99, 445-57
- cholinesterase, specific, histochemical localization, mammals (D'Agostini & Rossatti) 93, 354-60
- culture (Yoffey) 68, 131, P. (*t.o.*)
- study of homograft sensitivity (Sharp & Burwell) 96, 457-75 (*rabbit*); 94, 575, P.
- hypophysis cerebri and cortex of suprarenal glands (Yoffey & Baxter) 80, 227-8, P. (*rat*)
- intestinal, mammals (Yoffey) 67, 199, P. (*disc. only*)
- mucoprotein-sulphated mucopolysaccharide complex formation in pregnant guinea-pig (Marshall & Swettenham) 93, 348-53
- relation to haemopoietic system (Yoffey) 65, 333-8 (*mammalian*)
- time-lapse, phase-contrast cinematography of, in culture (Sharp) 95, 612, P.
- uptake of tritium-labelled thymidine by (Yoffey, Reinhardt & Everett) 95, 293-9 (*guinea-pig*)
- vital staining, rabbit appendix (Harper) 80, 231-2, P.
- Lymph trunks, growth and regenerative capacity, experiments (Gray) 73, 671-2, P. (*disc. only*)
- Lymph vessels (Chrzonszczewsky) 1, 148, *rep.*
- Blood vessels and lymphatics (edited by Abramson) 1962, 97, 294-5, *rev.*
- Anatomie des lymphatiques (Rouvière) 1932, 67, 189-90, *rev.*
- Das innere Lymphgefäßsystem der Organe (Rényi-Vámos) 1960, 95, 144, *rev.*
- of appendix (vermiform) (Lockwood) 34, ix-xiii, P.
- November 1899
- of bladder (Hoggan & Hoggan) 15, 355-77 (*mammals*)
- and blood, peripheral communication between (Carter) 4, 97-118 (*comparative*)
- of blood vessels, (Hoggan & Hoggan) 17, 1-23; (Foa) 10, 645, *rep.*
- relation to 'juice' canals (Arnold) 9, 392, *rep.*
- of brain and spinal cord (Eberth) 4, 302, *rep.*
- of cartilage and perichondrium (Hoggan & Hoggan) 15, 121-36 (*mouse*)
- of cerebral dura mater (Michel) 8, 174, *rep.*
- dissection, preparation (Leaf) 33, 210, *abs.*
- of eye-ball (Schwalbe) 4, 302, *rep.*
- in fasciae and tendons, Die Lymphgefäße der Fascien und Sehnen (Ludwig & Schweiggerseidel) 1872, 6, 431, *rev.*
- formation (Afonassiev) 3, 201, *rep.*
- of gastric mucosa (Lovén) 5, 232, *n.*
- Gerota's method of injection, and of lymph nodes (Jamieson & Dobson) 43, ii, P. (July 1907) (*t.o.*)
- mammary (Turner Warwick) 94, 284-5, P.
- of heart (Shore) 62, 125-34 (*sheep, rabbit, man*)
- injection by Prussian Blue (Jamieson & Dobson) 45, 7-10
- of heart and pericardium (Eberth & Belajeff) 1, 357, *rep.*
- investigation techniques (Gray) 73, 673, P. (*dem.*)
- and lacteals, selective absorption of (Broadbent) 4, 14-16
- of liver (Fleischl) 9, 433-5, *rep.* (*curarized dog*); (Budge) 11, 562, *rep.* (*expts.*)

Subject Index

Lung(s), (cont.)

epithelioma, primary, with metastases to kidney, vertebrae and ribs (Hoyle) 17, 509-16
fixation and vascular perfusion (Towers) 88, 577-8, P. (rat)
form in Artiodactyla (Brown) 88, 557-8, P.
gaseous exchange in blood (Müller) 5, 221-2, rep.
haemorrhage, after cerebral injury (Nothnagel) 8, 397-8, rep. (rabbit)
innervation, foetus (Spencer & Leof) 98, 599-609
see also Nerves
lobes, right upper, arteries and veins (Appleton) 79, 97-120; 80, 216, P.
see also Lung(s), variations
maintenance in health, and in phthisis (Salkowski) 7, 357, rep.
Manis, preparation (Keith) 44, i, P. (dem.)
in *Phoca vitulina*, structure (Pizey) 88, 552, P.
pigment, source of (Koschlakoff) 1, 359, rep.
pressure, atmospheric, influence of change on body (Liebig) 6, 234, rep.
radiographs, showing distribution or radio-opaque dusts, cat (Barclay & Franklin) 74, 559, P. (dem. only)
roots, interlobar approach (Appleton) 80, 223, P.
segments, broncho-pulmonary, sheep (Hare) 89, 387-402
segments, broncho-pulmonary, concept applied to Artiodactyla and Carnivora (Brown) 89, 561-2, P.
shape, foetal (Huntington) 33, 503, anat. not.
structure, minute (Hirshmann & Chrzonszczewsky) 1, 357, rep.
temperature (Albert & Stricker) 8, 427, rep.; 9, 247, rep. (expts.)
variations (Lawrence) 40, xi, P. (t.o.)
accessory, with congenital diaphragmatic hernia, 18-month foetus (Cockayne & Gladstone) 52, 64-66; 51, 8-9, P. (June 1916)
lobes (Maylard) 20, 34-8
(human and comparative) (Allen) 16, 605-14
of azygos, 1 case (Collins) 20, 32-3
note on (Chiene) 4, 89-90.
right (Gruber) 5, 196, rep.; (Chiene & Cleland) 5, 196, rep.; (Collins) 8, 388, rep.; (Matthews) 32, xxxiv-viii, P.; 3 cases (Dévé) 34, 419, rep.; 1 case (Fischer) 34, 419, rep.; (Du Séjour) 39, 505, rep.; (Stibbe) 53, 305-14; (Cairney) 58, 54-8 (2 cases); (Brown) 92, 672, P.
cause of (Cleland) 4, 200.
left (Lawrence) 31, xxx-i, P.; (Humphrey) 19, 345-6
accessory (Humphrey) 19, 345-6
with three lobes, right with four (Bowles) 28, ii-iv, P.
right, accessory, 1 case (Simpson) 42, 221-5
inferior, 33, 519, rep.
middle, absence (Hepburn) 59, 326-7
two additional (Paterson) 44, 394-5, anat. not.
4 and pelvic kidney, 33, 519, rep.
lymphatics (Klein) 8, 390, rep.
lymph vessels, anomalous richness (Macklin) 88, 563, P.
reconstruction, 12 mm. human foetus (Engel) 98, 300, P. (dem. only)
apex, apparent triplication (Geddes) 45, 11-15
congenital absence, with absence of right bronchus and pulmonary vessels (Findlayson) 36, xxxviii, P.
congenital atrophy (Ponfick) 5, 196, rep.
possessing lobus impar (cardiac lobe?) (Pozzi) 8, 174, rep.

with four lobes, left with three (Bowles) 28, ii-iv, P.
showing only one fissure, specimen (Stibbe) 64, 127, P.
fissure, anomalous (Davies & Stibbe) 63, 156, P.
vestibule, absence in *Gallus domesticus* (Payne & King) 93, 577, P.
volume, *Gallus domesticus* (King & Payne) 92, 656, P.
see also Bronchus
Lung-fish, see Dipnoi
Luteinization, factors involved in (McKeown & Zuckerman) 72, 153-4, P.
Lutra vulgaris (common otter) biliary passages (Burne) 33, xx-xxi, P.
Luxus-consumption (Voit) 4, 321, rep.
Luys, centre median nucleus of, see Nucleus, sub-thalamic
Lycaon pictus (Cape hunting dog) notes on (Cunningham) 31, xl, P. (t.o.)
Lycotonia, action (Ott) 10, 657-8, rep. (frog)
Lygosoma, skull and related structures of late embryo (Pearson) 56, 20-43; 59, 15, S.P.
Lymph, absorption, by tendons and fasciae (Generich) 6, 228-9, rep. (dog)
and blood, model of circulation (Charles) 22, 435-40
cells, differentiating, following open-heart surgery, ultrastructure (Mandel) 100, 938, P.A.S.A.N.Z.
sheep (Heath, Lascelles & Morris) 96, 397-408
collection of large quantities (Lesser) 7, 184, rep. (curarized dogs)
factors influencing formation (Nasse) 7, 354-5, rep. (dog)
gases, and blood gases, difference between, in asphyxia (Tschiriew) 10, 646, rep. (dog)
content, in dog (Hammersten) 7, 189, rep.
influence of curara on volume of (Tarchanoff) 11, 198-9, rep. (frog)
of liver (Fleischl) 9, 433-5, rep. (curarized dog)
peripheral, route to blood stream, x-ray study of barrier theory (Engeset) 93, 96-100 (rat)
propulsion of from lymphatic hearts (Jones) 3, 201-2, rep. (frog)
secretion, in fore-limbs of dog (Paschutin) 8, 199-203, rep.
in relation to blood flow (Emminghaus) 9, 231-2, rep. (dog)
Lymph, drainage, arterial pulsation, effect, apparatus, demonstration (Harris & West) 76, 229, P.
of bone marrow (Fuller & Monro) 98, 485, P.A.S.A.N.Z. (cat)
of the human heart (Shore) 63, 291-313
of thyroid gland (Walker) 68, 126-7, P.
of spinal nerves, rabbit (Field & Brierley) 82, 198-206, 83, 76, P.
of skin grafts (Scothorne) 91, 608-9, P.
of the skin, with a note on lymphatic watershed areas (Forbes) 72, 399-410
thymus, especially extrinsic vessels, guinea-pig (Harris & Templeton) 100, 694, P.
Lymph duct, deep cervical, mucous membrane, nasal, cat and monkey (Yoffey & Drinker) 74, 45-52
Lymph flow, thoracic duct, during primary hypoxia, and rebound (Evans et al.) 99, 207, P. (guinea-pig)
Lymph nodes, *Contributions to the physiology and pathology of the breast and its lymphatic glands* (Creighton) 1878. 13, 118-21.
The surgical anatomy of the lymphatic gland (Leaf) 33, 354-5, rev.
activated by fresh tissue homografts, histochemistry (Burwell) 97, 629, P. (rabbit)

- Macaca mulatta*, (cont.)
 placenta praevia in (Palmer) 73, 626-9
 pregnancy, 191 days (Eckstein) 78, 147
 rami communicantes in (Sheehan & Pick) 77, 125-9
 sections, frozen, casts and histology of advanced pregnancy in (Gulland & Hart) 27, 361-76
 skeleton, development, x-ray demonstration, foetus (Asling *et al.*) 97, 477-8, *P.*
 skull growth (Latham) 92, 655, *P.*
 tracts, ascending, termination, in thalamus (Le Gros Clark) 71, 7-40
 trigeminal, dorsal, (Carpenter) 91, 82-90
 uterine tubes of (Sutton) 24, xv-xvi, *P.*
 uterus, pregnant (Keith) 34, xlv-xlviii, *P.* May 1900
Macacus, see *Macaca*
 Maceration, acceleration (Struthers) 18, 49-53
 a method of (Paterson) 19, 171-7
 Macroductily, 1 case, 27, 423, *rep.*; 30, 462, *rep.*; 37, 399, *rep.*; 42, 139, *rep.*; 44, 106, *rep.*; (Capel) 69, 528-9, *anat. not.*
 and congenital hypertrophy, (Prince) 27, 423, *rep.*
 and other forms of congenital hypertrophy, in relation to tumours (Humphry) 26, 557-67
 Macroglia, histochemistry (Blunt *et al.*) 99, 946, *P.A.S.A.N.Z.*
 in optic nerve tissue (Blunt *et al.*) 99, 1-11 (*mammal*); 97, 485, *P.A.S.A.N.Z. (cat, man)*
 ultrastructure, cat optic nerve (Wendell-Smith *et al.*) 98, 481, *P.A.S.A.N.Z.*
 Macroglia, pathology (Maguire) 14, 416-23
 Macromolecular complexes: The sixth annual symposium publication of the Society of General Physiologists, edited by M. V. Edds, 1961. 96, 134, *rev.*
 Macrophages, absence in degenerating nerves (Bolt & Yoffey) 83, 79, *P.*
 and fibroblasts, interrelationship, experiments (Jacoby) 91, 586-7, *P.*
 ovarian, histochemistry, rat (Bulmer) 98, 313-19
 peritoneal, stimulated, structure (Carr) 100, 695, *P.*
 subcutaneous, ferritin synthesis (Muir & Goldberg) 95, 448, *P.*
 Macropodia, 38, 372, *rep.*
 Macropus giganteus, non-pregnant endometrium (Turner) 10, 513-15
 Organ of Jacobson (Symington) 26, 371-4
 Macropus rufus (red kangaroo) anatomy (Windle & Parsons) 32, 119-34
 Macroscelides (elephant shrew) brain (Clark) 62, 245-75; 63, 159, *P. (t.o.)*
 skeleton, appendicular and axial (Mivart) 1, 295-8
 skull (Mivart) 1, 295-8
 Macrurus crustacea, telson (Garrod) 5, 271-3
 Macula, *Sphenodon* (Mann) 67, 202, *P.*
 Macula acoustica, epithelium (Odenius), 2, 170, *rep.*
 of inner ear, and utricle (Odenius) 3, 249, *n.*
 Macula lutea, colour (Schmidt) 9, 414, *rep.*
 cortical representation (Elliot Smith) 64, 477-8
 and disc, optic relative positions to posterior pole of the eye (Fison) 54, 184-8
 influence on the cortex (Elliot Smith) 65, 169, *P.*
 in normal vision and colour blindness (Schultze) 1, 165, *rep.*
 retinal (Niemetscheck) 1, 149, *rep.*
 reflex in region (Brecht) 11, 545, *rep.*
 Maculatus, digastric muscle (Edgeworth) 71, 315-16
 Madder, and bones, prepared, from pigs fed, growth of (Keith) 59, 97-8, *S.P.*
 epiphyses, long bones, development (Payton) 67, 371-81; 68, 133, *P. (disc. only)*
 coloration by feeding (Strelzoff) 8, 425, *rep. (pigeons)*
 long, growth in pig fed (Payton) 66, 414-25
 and the growth of (Charles) 76, 227, *P.*
 growth of skull and mandible (Brash) 61, 518, *P. (dem. only)*
 nutrient foramen position and direction of nutrient canal in long bones (Payton) 68, 500-10 (*pig*)
 and pelvis, growth, pig (Payton) 69, 326-43; 70, 193, *P. (t.o.)*
 Magendie, foramen, see Aperture, median, of ventricle fourth
 Magnesium, and other inorganic substances, effects of intravenous and intra-arterial injection (Blake) 4, 201-8 (*dog*)
 Magnesium sulphate, action (Jolyet, Cahours) 3, 473, *rep.*
 mechanism of purgative action (Moreau) 5, 201, *rep. (animal)*
 Magnetism, effects on development (Windle) 29, 46-51 (*expts. hens' eggs, trout, silkworm ova*)
 Magnifier, binocular, for fine dissection (Bishop Harman) 43, 349, *anat. not.*; 44, i, *P. (t.o.)*
 Malacostraca observations (Dohrn) 6, 449, *rep.*
 Malapterurus (eel) electrical plates (Boll) 8, 392, *rep.*
 electric current in (Robin) 1, 165, *rep.*
 Malapterus electricus, feeding habit of (Stirling) 13, 350-2
 Malar bone, see Zygomatic bone
 Malformations, congenital, see Abnormalities, congenital, Teratology, variations
 Malleolus, lateral, development (Wilgress) 34, xlii-xliv, *P.*
 Mallory's stain, see Stains and staining
 Malnutrition, effect on organ weight, in rats, and effect of hypophysectomy (Rinaldini) 84, 262-71
 Mamma(e) see Glands, mammary
 Mammalia, The mammal-like reptiles of South Africa and the origin of mammals (Broom) 1932. 66, 669-71, *rev.*
 Stammesgeschichte der Säugetiere. Eine Übersicht über Tatsachen und Probleme der Evolution der Säugetiere (Thenius & Hofer) 1960. 96, 301, *rev.*
 The mammals of South Australia, part I. The monotremes and carnivorous marsupials (Wood Jones) 1923. 58, 384, *rev.*
 Aquatic mammals. Their adaptation to life in the water. (Howell) 1930. 65, 280-1, *rev.*
 cornea in (Lightbody) 1, 15-36
 dentition, anomalies in (Magitot) 9, 204-5, *rep.*
 development, critical period in (Broom) 32, 714-20
 of synovial joints in (Hepburn) 23, 507-31
 eutherian, fibula mobility (Barnett & Napier) 86, 489, *P.*
 evolution of tympanic cavity and membrane (Shute) 90, 261-81; 90, 572, *P.*
 fossil, Fossil mammals of Africa, No. 1. The Miocene Hominoidea of East Africa (Le Gros Clark & Leakey) 1951. 85, 403-5, *rev.*
 limb plexuses (Paterson) 21, 611-34
 muscles, intrinsic of foot (Cunningham) 13, 1-16 (*marsupials, rodents, logomorphs, insectivores, edentate, primates*)
 myology (Parsons) part I. Panniculus, head and neck, 32, 428-50; part II. Shoulder and fore and hind limbs, 32, 721-52
 relations to the ichthyopsida and sauropsida (Shore) 21, 362-73
 Mammary gland, see Glands, mammary
 Man, The races of man. Differentiation and dispersal of man (Bean) 1932. 67, 488, *rev.*
 The coming of man: was it accident or design? (Broom) 1933. 68, 287, *rev.*

Subject Index

Man, (cont.)

- Early forerunners of man* (Le Gros Clark) 1934. 68, 571-2, *rev.*
- The antecedents of man* (Le Gros Clark) 1960. 95, 141-2, *rev.*
- descent of, *The descent of man and selection in relation to sex* (Darwin) 1871. 5, 363-70, *rev.*
- Man's ancestry. A preview of human phylogeny* (Osman Hill) 1954. 88, 543-4, *rev.*
- L'homme dans la nature* (Topinard) 1891. 26, 578, *rev.*
- structure of, as evidence of his past, *Der Bau des Menschen als zeugnis für seine Vergangenheit* (Wiedersheim) 1893. 29, 142, 144, *rev.*
- The structure of man an index to his past history* (Wiedersheim, trans. by H. & M. Bernard, ed. by Howes) 1895. 30, 316-18, *rev.*
- cerebral power in (Brown-Séquard) 9, 213, *rep.*
- development, mesoderm and cloacal membrane (Florian) 67, 263-76
- and higher primates (Keith) 36, 93, *A.U.A.A.S.* see also *Evolution*
- Management**, Committee of, Anatomical Society of Great Britain and Ireland, 22, ii, *P.*
- Manatee** (sea cow) anatomy (Murie) 7, 336, *rep.*
- osteology (van Beneden) 7, 336, *rep.*
- pelvic bones (Krauss) 7, 336, *rep.*
- see also *Manatus americanus*
- Manatus americanus*, brain and other anatomy of (Garrod) 13, 268 (*t.o.*); comment by Turner, 13, 278
- Manatus senegalensis*, foetus (Turner) 28, 315-32
- Mandible**, *The teeth, the bony palate and the mandible in Bantu races of South Africa* (Shaw) 1931. 66, 126-7, *rev.*
- 17 mm. C. R. stage, man (Fawcett) 64, 369-70; 65, 163, *P. (t.o.)*
- absence congenital (Arnold), 2, 176, *rep.*
- abnormal in cachalot (Thomson) 3, 204, *rep.*
- in chimpanzee (Patten) 59, 19-20, *S.P.*
- anatomy (Gabriel) 92, 580-6
- architecture internal (Woollard & Harpman) 72, 575-8
- of Bushman, growth changes in (Wells) 66, 50-63
- of cachalot (Fischer) 2, 402, *rep.*
- cleft, median, influence of vitamin A in mice and guinea pigs (Giroud) 98, 686, *P.*
- condylar cartilage vascularization (Blackwood) 99, 551-63
- contour diagrams (Parsons) 46, 384-90
- development (Low) 44, ii, *P. (t.o.)*
- double, in anencephalic foetus with symmelia (Taruffi) 27, 421, *rep.*
- development, in man (Low) 39, xxvi-xxix, *P. (comparative)*; (Charles) 72, 148, *P.*
- and associated tooth germs (Charles) 74, 559, *P. (t.o.)*
- of elderly subject (Patten) 32, xxi, *P.*
- function, mammals (Shute) 88, 565, *P.*
- growth (Humphry) 12, 288-93 (*pig*)
- changes, during closure of secondary palate in two strains of rat (Harris) 95, 286, *P.*
- in relation to direction of mental foramen (Warwick) 84, 116-20; 84, 72, *P.*
- innervation, demonstration (Bradlaw) 81, 381, *P.*
- mammalian (Wood Jones) 86, 489, *P.*
- modifications of dental foramen and mylohyoid groove (Gruber) 8, 386, *rep.*
- movements, development, sheep (Scott) 85, 36-43; 84, 77, *P.*
- mylohyoid groove (Gruber) 9, 190, *rep.*
- ossification (Fawcett) 39, 494-5, *abs.*; (Low) 44, 83-95

- of porpoise, common (Walker) 8, 176, *rep.*
- and limbs, sizes, relative, man (Shepherd, Sholl & Vizoso) 84, 60, *P.*
- structure, in abnormal New Guinea skull (Gullberg & Burkitt) 59, 41-55
- and position of inferior dental canals (Fawcett) 29, 355-66, errata page 500
- torus mandibularis, in the Bushman (Drennan) 72, 66-70
- tumours, in relation to oral epithelium (Tonge) 90, 584, *P.*
- variations, 2 specimens (Patten) 31, xxxiv, *P. (t.o.)*
- Mandrillus*, glands, sternal (Hill) 88, 582, *P.*
- Mangabey**, see *Cercocebus*
- Manganese** and other inorganic substances, effects of intravenous and intra-arterial injections (Blake) 4, 201-8 (*dog*)
- Manidae*, tooth-vestiges and mouth parts (Marett Tims) 42, 375-87
- Manikins**, anatomical, at the Wellcome Historical Medical Museum (Thompson) 59, 442-5
- seventeenth century ivory (Cave) 73, 362, *P. (dem.)*
- Manipulation**, *Treatment by manipulation* (Burrows & Coltart) 1951. 86, 232, *rev.*
- Manis**, lung, preparation (Keith) 44, i, *P. (dem.)*
- Manis javanica*, cranial muscles (Edgeworth) 57, 313-35
- tooth rudiments (Marett Tims) 43, v, *P. (January 1908) (t.o.)*
- Manubrium sterni**, bifurcation, cardiographic tracings (Clarke & Douglas) 37, 41-5
- elongated, in skeleton of negro (Paterson) 27, xxiii, *P.*
- ossification, unusual (Cave) 80, 215, *P.*
- superior border, for, whites and American Negroes (Cobb) 71, 245-91 (1010 cases)
- variation in higher primates (Keith) 30, 275-9
- Manus**, of dugong (Anderson) 32, 765-7
- Maori**, and Moriori skulls, parietal foramina, incidence (Stallworthy) 67, 168-74
- New Zealand, fingerprints (Adams) 97, 483-4, *P.A.S.A.N.Z.*
- Marchi technique**, see *Stains and staining*
- Margins**, narial (Johnson) 71, 356-61
- Marmoset**, see *Callithrix*; *Ceboidae*
- Marmot**, see *Arctomys monax*
- souslik, see *Citellus*
- Marrow, bone**, see *Bone marrow*
- Marsupialia**, brain (Gervais) 7, 172, *rep.*
- development, early (Hill and Watson) 92, 493-7
- classification major subdivisions, reference to Peramelidae and Caenolestidae (Abbie) 71, 429-36
- commissures (Symington) 27, 69-84
- cerebral (Elliot Smith) 71, 528-43
- conducting system in heart (Blair, Davies & Francis) 77, 115, *P.*
- development, and of monotremes (Wilson & Hill) 40, vi, *P. (t.o.)*; (Hill) 61, 515, *P. (dem. only)*
- epiphysal structure in (Haines) 75, 282-94
- foetal, arches, arterial and veins, great (Broom) 32, 477-83
- larynx (Symington) 33, 31-49
- retina, double cones and oil droplets in (O'Day) 70, 465-7
- placenta (Hill) 30, 585-6, *rev.*
- teeth (Flower) 2, 174-5, *rep.*
- thymus gland (Symington) 32, 278-91; 32, xxx, *P.*
- urogenital system, development, special reference to *Trichosurus vulpecula*, part I (Buchanan, Fraser & Hill) 53, 35-95; part II (Fraser) 53, 97-129.

- Marten, skull (Clark) 9, 405, *rep.*
- Masks, from New Britain and New Ireland, islands near New Guinea, *Ueber Schädel-Masken aus Neu-Britanniens besonders eine mit einer Kopfverletzung* (Bartels) 1896. 31, 165, *rev.*
- made from human remains (Turner) 14, 475-94
- Mastication, muscles (von Teutleben) 9, 390, *rep.*
- organ in isopod crustaceans (Hollis) 6, 398
- tongue in (Abd-el-Malek) 89, 250-4
- Mastitis, bovine, bacillus in (Macfadyen) 25, 571-7
- Mastomys erythroleucus* Temm. (mouse) gland prostate, occurrence, structure and homology, adult female (Brambell & Davis) 75, 64-74
- Maté, effects of (Marvaud) 6, 500-1, *rep.*
- Mating, after uterine tube ligation, unilateral and ovariectomy, unilateral, rats (Young) 88, 561, *P.*
- influence on rate of transport of radiopaque medium through ductus epididymidis, rat (Macmillan) 97, 643, *P.*
- Matter, grey, cerebral, tracts and fibres, demonstrations (Jamieson) 40, iii-iv, *P.*
- measurement (Major) 7, 169-70, *rep.*
- of spinal cord and medulla oblongata (Hollis) 17, 517-22; 18, 62-5; 18, 203-7; and pons, 18, 411-15; 19, 274-9
- ventral horn, development, *Xenopus laevis*, Daud. (Hughes & Tschumi) 92, 498-527
- and white, chemical composition (Petrovsky) 8, 181, *rep.* (ox)
- white, central, extracellular material (Malhotra & van Harrevald) 100, 99-110 (mouse)
- of cerebrum, demonstration in continuity (Jamieson) 43, 225-34
- Maturation, *Atlas of skeletal maturation*, 1926-36 (Todd) 1937. 72, 640-1, *rev.*
- fertilization and early cleavage in the monotreme (Flynn & Hill) 72, 156-7, *P.*
- of fibres, muscle, regenerating (Clark & Wajda) 81, 56-63 (rabbit)
- nerves, peripheral, pyronin effects (Gamble & Jha) 92, 667, *P.* (rat)
- see also Regeneration
- Maturity, skeletal, from radiographs, assessment (Acheson) 88, 498-508
- Maxilla, development, and associated tooth germs (Charles) 74, 559, *P.* (t.o.)
- early, mammals (Dixon) 88, 561, *P.*
- ossification (Fawcett) 40, xiii-xiv, *P.*
- palatal process, racial variations in (Eichholz) 26, 538-42; 26, xxiv, *P.*
- radon exposure to, effect on development, 3-month-old child seen aged 12 years (McKenzie, Philip & Logie) 90, 598, *P.*
- vomer and paraseptal cartilages, development (Fawcett) 45, 378-405
- Measurements, physiological and physical (M'Kendrick) 31, 303-5
- relationships subsisting between body length, limbs and jaws (Shepherd, Sholl & Vizoso) 83, 296-302; 84, 60, *P.*
- Meat, metabolism (Pettenkofer & Voit) 8, 207-8, *rep.*
- nutritive value (Woroschiloff) 8, 205-6, *rep.*
- see also Diet
- Meat extract, effect of, on action of heart and blood-pressure (Aubert & Dehn) 9, 222, *rep.*
- physiological studies (Bogoslovsky) 8, 204, *rep.*
- Meatus, auditory, external, absence of and other anomalies (de Lima) 47, 1-7
- of *Balaena mysticetus* (Gray) 23, 300-7
- cartilaginous and osseous, relative positions (Campion & Young) 65, 328-32
- in child (Symington) 19, 280-5
- congenital occlusion, 1 case, 42, 137, *rep.*
- exocranial position in Burmese skulls (Hodgkinson) 65, 96-107
- exostoses in (Turner) 13, 200-3
- level (Parsons) 54, 171
- osseous and cartilaginous, relative positions, man (Campion & Young) 65, 328-32
- position (Parsons) 63, 425-6; 64, 116, *P.* (t.o.)
- nasal and nasal conchae, 152 specimens (Collective Investigation) 28, 73-6
- inferior, in man and apes (Keith) 36, xlvii-li, *P.*
- urinary, male (Thompson) 53, 32-4
- Mechanics, body, *Principles of animal mechanics* (Haughton) 1873. 7, 312-18, *rev.*
- muscle study (Haughton) 7, 168-9, *rep.* (animal)
- Meconium (Zweifel) 10, 649-50, *rep.*
- Mediastinum, thoracic (Struthers) 3, 349-54
- anterior cyst, 32, 790-1, *rep.*
- posterior, relations to spinal column (Wood) 3, 1-13
- Medicine, *The scientific basis of medicine: annual reviews* (British Postgraduate Medical Federation) 1961. 96, 301-2, *rev.*
- clinical, *Neurological anatomy in relation to clinical medicine* (Brodal) 1948. 83, 385, *rev.*
- experimental, *An introduction to the study of experimental medicine* (Bernard, trans. by Greene) 1927. 63, 395-6, *rev.*
- Medium, radiopaque, rate of transport through ductus epididymidis, influence of mating, rat (Macmillan) 97, 643, *P.*
- Medulla, oblongata, see Myelencephalon
- renal, see Kidney, medulla
- of suprarenal glands, growth and mitosis (Whitehead) 67, 399-408 (mouse)
- nerve supply, experimental, cat (Maycock & Heslop) 73, 551-8
- Medusae (jelly-fish), pigment (M'Kendrick) 15, 261-4
- Medusa, of Vellela, account (Stuart) 5, 387, *rep.*
- Megaceros giganteus (giant Irish deer), observations (Smith) 7, 336, *rep.*
- Megaceros hibernicus* see *Megaceros giganteus*
- Megacolon, 1 case (Kirk) 67, 201, *P.* (disc. only)
- Megalona, circulatory system (M'Intosh) 13, 331-45
- Megaptera longimana (humpback whale) anatomy of (Struthers) part I, external features, 22, 109-25; part II, limbs, 22, 240-82; part III, vertebral column, 22, 441-60; 22, 629-54; cervical vertebrae, ribs, sternum, bones chevron, 23, 124-63; part IV, skull, 23, 308-35; ear-bones, mandible, hyoid, 23, 358-75
- Memoir on the anatomy of the humpback whale* (Megaptera longimana) (Struthers) 1889. 24, 612, *rev.*
- comparison of rudimentary hind-limb of with those of *Balaenoptera musculus* and *Balaena mysticetus* (Struthers) 27, 291-335.
- Megaptera nodosa* (humpback whale) foetal, nervous system, spinal (Romanes) 79, 145-56
- Megaptera novaeangliae* (humpback whale) brain, surface features (Breathnach) 89, 343-54
- novae-Zealandia* (Hector) 7, 335, *rep.*
- Melanesians, and albinism, 37, 299, *rep.*
- varieties of (Sergi) in *Bollettino della R. Accad Medica di Roma*, Anno xviii, Fasc. ii. 29, 141, 144, *rev.*
- Melanin, activity in a healing deep wound (Snell) 97, 243-53 (guinea-pig)
- effect of beta melanocyte stimulating hormone on (Snell) 97, 142, *P.* (guinea-pig)
- free, amount in healing deep wound, and density and morphology of melanocytes (Snell) 96, 419, *P.* (guinea-pig)

Subject Index

Melanin, (cont.)

- and melanocytes, skin, male guinea-pig (Bischitz & Snell) 93, 233-45
- ovarian origin, labelling of larval neurones by, Anura (Hughes), 97, 217-24
- in skin of abdominal wall, effects of age, sex and pregnancy (Snell & Bischitz) 97, 361-76
- Melanism**, extensive, in skeleton, *Raia maculata* (Harper) 67, 211-12, P.
- Melanocytes**, absence in white skin area of black and white spotted guinea-pigs (Breathnach *et al.*) 99, 193, P.
- activity, effects of ovariectomy, oestrogen and progesterone (Bischitz & Snell) 92, 646, P. (guinea-pig)
- in a healing deep wound (Snell) 97, 243-53 (guinea-pig)
- density and morphology, and amount of free melanin, in a healing deep wound (Snell) 96, 419, P. (guinea-pig)
- distribution in freckled skin of human forearm (Breathnach) 91, 592, P.
- distribution in normal epidermis, man (Szabó) 89, 575-6, P.
- effect of female sex hormones on (Snell) 94, 453-4, P. (guinea-pig)
- effect of hormone, beta melanocyte stimulating (Snell) 97, 142, P. (guinea-pig)
- effect of testosterone and orchidectomy on activity (Bischitz & Snell) 92, 643, P. (guinea-pig)
- epidermal, mouse (Reynolds) 88, 45-58
- as a squamous cell (Billingham & Medawar) 87, 440, P.
- induced limbal migration for studying (Henkind & Jay) 100, 139-45 (guinea-pig eye)
- and melanin, skin, male guinea-pig (Bischitz & Snell) 93, 233-45
- pattern of regenerated epidermis (Breathnach) 94, 581, P.
- in skin of abdominal wall, effects of age, sex and pregnancy (Snell & Bischitz) 91, 361-76
- tyrosinase reaction in, effect of dilute copper sulphate in freckled human epidermis (Breathnach) 92, 635, P.
- normal caucasian epidermis (Szabó) 90, 593, P.
- Melapterurus* see *Malapterurus*
- Meles meles* L. (badger) delayed implantation in (Harrison, Neal & Turner) 90, 574, P.
- Meles taxus* (badger) nomenclature of teeth and dentition of (Moseley & Lankester) 3, 73-80
- Membrane(s)**, allanto-chorionic, differentiation in carnivores (Amoroso) 86, 481-2, P.
- basement**, origin and morphology (Evatt) 61, 503, P. (t.o.)
- development and morphology (Evatt) 63, 176, P. (t.o.)
- basilar**, of cochlear, in man and in various mammals (Keen) 74, 524-7
- cell, analysis by properties and structure (O'Brien) 99, 951-2, P.A.S.A.N.Z.
- dimensions, of colonic carcinoma (Cleland) 99, 947-8, P.A.S.A.N.Z.
- effect of non-ionic surface active agent on, in nucleated amphibian erythrocyte, amphibian liver cell and Ehrlich ascites tumour cell (O'Brien) 99, 952, P.A.S.A.N.Z.
- structure of spiral lamina, 3, 452, *rep.*
- vibrations of (Helmholtz) 5, 211, *rep.*
- bones**, absorption and accretion, control (Charles) 80, 220, P.
- cranial, regeneration (Pritchard) 77, 119, P.

- repair and growth (Pritchard) 80, 218, P. (rabbit, rat, mice, man)
- of chick**, method of demonstrating (Stuart) 25, 299-300
- cloacal**, and development of (Florian) 67, 263-76
- Descemet's**, congenital defect 44, 99, *rep.*
- foetal**, *Recherches sur les enveloppes foetales du tatou à neuf bandes* (Dasypus novemcinctus), (Edwards) Annales des Sciences Naturelles, VI, ser., Tome VIII, no. IV. 14, 256-7, *rev.*
- full-term, of three members of the camelidae (Morton) 95, 200-9
- Elaphurus davidianus* (Père David's deer) (Harrison & Hamilton) 86, 203-25
- of *Halichoerus grypus* (Harrison, Amoroso & Matthews) 86, 487-8, P.
- of opossum and other marsupials (Osborn) 18, 343-4 *anat. not.*
- and gravid uterus of *Orca gladiator* (Turner) 5, 383-4, *rep.*
- of *Oreas canna* (eland). (Turner) 14, 241-3
- of *Rangifer tarandus* (reindeer) (Turner) 12, 601-3
- of Weddell seal (*Leptonychotes weddelli*) (Davies) 84, 408, P.
- interosseus**, of forearm and leg, nature (Sutton) 18, 225-38
- in pronation and supination (Gemmill) 35, 101-9
- Jackson's**, genesis (Reid) 48, 432-44
- mucous**, laryngeal (Co'yne) 9, 396-7, *rep.*
- nasal, blood vessels, (Harper) 83, 61, P. (man, cat, rabbit, some ungulates)
- lymphatics, in cat and monkey (Yoffey & Drinker) 74, 45-52
- olfactory, structure of (Martin) 8, 39-44 (*newt*, dog, etc.)
- sub-epithelial endothelium in (Debove) 9, 396, *rep.*
- of urinary bladder, absorption from (Ashdown) 21, 299-324
- Nasmyth's**, *Das schmelzoberhäutchen*, (Schüle) 1962, 97, 135, *rev.*
- nictitating**, amnion, and constrictor pupillae muscle, relationships (Evans, D. H. L. & Evans, E. M.) 98, 37-46 (*chick*)
- of birds and mammals (Stibbe) 62, 159-76; 61, 502, P.
- nerve supply to cat (Thompson) 95, 371-85
- nerve terminals, relation to pancreatic arterioles, electron microscopy (Lever & Graham) 98, 473-4, P. (cat)
- of sharks (Ridewood) 33, 228-42; 33, 1v, P.
- nuclear**, of spinal ganglion cells, considered with Nissl's substance and cytoplasmic filaments, electron microscope study (Dawson & Wyburn) 89, 573, P.
- otolithic**, and tectorial of cochlea, and cupulae of internal ear, staining (Wislocki & Ladman) 89, 3-12 (*mouse*)
- pericollic** and appendices epiploicae (Reid) 49, 274-85
- periodontal**, end-organs (Lewinsky & Stewart) 71, 154, P. (t.o.)
- innervation (Lewinsky & Stewart) 71, 98-102
- and functions of end-organs, cat (Lewinsky & Stewart) 71, 222-35
- vascular hyperplasias (Griffin) 98, 488, P.A.S.A.N.Z.
- plasma**, contacts in central nervous system (Peters) 96, 237-48
- postsynaptic**, *Functional structure of the postsynaptic membrane in the myoneural junction* (Csillik) 1965, 100, 676, *rev.*

Membrane(s), (cont.)

- serous, anatomy (Klein & Sanderson) 6, 442, *rep.*
- epithelium (Tourneux) 8, 390, *rep.*
- with special reference to lymphatics (Klein) 8, 388-90, *rep.*
- synovial (van der Sluys) 9, 395, *rep.*; (Clark) 63, 152-4, *P. (rabbit)*
- and articular cartilages of joints (Reyher) 8, 261-73 (sheep, ox)
- of hip joint, *see also* Retinacula of Weitbrecht
- histology (Davies) 78, 68-78 (cattle)
- histochemistry and electron microscopy (Lever & Ford) 92, 641-2, *P. (man, cat, rabbit)*
- knee joint, recesses (Bunn) 98, 493, *P.A.S.A.N.Z.*
- lymph vessels, *see* Lymph vessels
- protrusions (Gruber) 7, 329, *rep.*
- staining reactions and origin of synovial fluid (Davies) 77, 160-9 (various animals)
- of tendons of foot and ankle (Lovell & Tanner) 42, 415-32
- tectorial, of cochlea, and otolithic and cupulae of internal ear, histochemical staining (Wislocki & Ladman) 89, 3-12 (mouse)
- tense, physical theorem applied to (Woods) 26, 362-70 (heart valves)
- tympanic (Bochdalek) 1, 149, *rep.*; (Crombie) 17, 523-36
- evolution, and of cavity tympanic, mammalian (Shute) 90, 261-81; 99, 572, *P.*
- and ossicles of ear, mechanism (Helmholtz) 8, 400, *rep.*
- repair (McMinn & Taylor) 97, 613, *P. (guinea-pig)*
- use of, as a phonograph (n.a.) 9, 416, *rep.*
- and secondary tympanic (Mach & Kessel) 6, 226, *rep.*
- secondary and duct, periotic, comparative anatomy (Shute) 89, 569-70, *P.*
- uterine, changes, after intra-uterine death, in rat (Pritchard & Huggett), 81, 212-24; 80, 219, *P.*
- vitelline, hen's egg (Bellairs *et al.*) 97, 307, *P.*
- Memoirs, biological, *Translations of foreign biological memoirs*, 1887. 22, 307-8, *rep.*
- Meninges, *Studien in der Anatomie des nerven Systems und des Bindegewebes* (Key & Retzius) vol. 1, 1875; vol. II, 1st part, 1876. 12, 366-7 (rev.)
- arachnoid, parasagittal, and Pachionian bodies (Turner) 91, 572, *P.*
- arrangement (Key & Retzius) 7, 329-30, *rep.*
- of brain and spinal cord (Key & Retzius) 5, 231-2, n. (dog, rabbit, man, sheep)
- and cerebrospinal fluid (Weed) 72, 181-215
- glycogen body, relationship to, chick (Dickson & Millen) 91, 47-51
- 'milk spots' in, newborn and stillborn infants (Watt) 95, 617, *P.*
- related to hypophysis cerebri (Sunderland) 79, 33-7
- nerve endings in (Brown) 69, 137, *P. (t.o.)*
- Meningocele, frontal (Manges) 27, 421, *rep.*
- spina bifida, 43, 116, *rep.*
- Meningoencephalocele, 37, 305, *rep.*
- Meningomyelocele, 33, 511, *rep.*
- Meniscectomy, temporo-mandibular joint, effects, rabbits (Sprinz) 88, 514-19; 88, 551, *P.*
- Meniscus, lateral, of knee, in primates (Parsons) 34, xxxii, *P. (May 1900)*
- and cruciate, of knee joint physiology, and suggested origin of some haemarthrus and loose bodies (Corner) 49, 429-33
- and popliteus muscle (Last) 84, 62, *P.*
- replacement after operative excision, early stages, rabbits (Walmsley & Bruce) 72, 260-3; 72, 162-3, *P. (dog, rabbit)*

- and transverse ligament of knee-joint (Higgins) 29, 390-8
- mandibular, *see* Disc, intra-articular, temporo-mandibular
- Menobranchus, note on blood corpuscles (van der Hoeven) 2, 199
- Menobranchus lateralis, skull and heart (Huxley) 9, 406, *rep.*
- Menopause, physiology (Cohnstein) 9, 241, *rep.*
- Menopoma, larval hyobranchial skeleton and muscles (Edgeworth) 57, 97-105
- quadrate bone in (Edgeworth) 57, 238-44
- Menstruation, neural origin (Oliver) 21, 378-84
- premature (Allbutt) 1, 184, *abs.*
- Mental ability, *see* Intelligence
- Mental disease, brain capillaries, investigation (Pickworth) 68, 149-50, *P.*
- and finger ridge patterns, 5372 cases (Rashad) 100, 699, *P.*
- localisation, regional, in brain, new staining method of capillaries (Pickworth) 69, 62-71
- sex chromatin analyses in patients (297) suffering from (Breakey) 95, 618, *P.*
- Mephitis mephitis (skunk) taste organs (Tuckerman) 25, 505-8
- Mercury, absorption and elimination, 8, 219, *rep.*
- action of liver on (Leading article) 7, 352, *rep.*
- angiography with (Stiles) 32, 83-91; 32, iii, *P. (t.o.)*
- perchloride, acute poisoning by, one case (Olivier) 8, 219, *rep.*
- excretion of in urine, saliva and perspiration (Byasson) 7, 191-2, *rep.*
- Merycopotamus, hinder end of skull (Pearson) 63, 237-41
- Mesencephalon, in a case of tabes dorsalis (Woodhead) 16, 364-90
- lateral tegmental system and medial geniculate body, cat (Morest) 99, 611-34
- origin of hypothalamic connexions especially mamillary peduncle (Cowan *et al.*) 98, 345-63 (rabbit, rat)
- Mesenchyme, origin in blastocyst wall, rabbit (Glenister) 99, 203, *P.*
- Mesentery, abnormal, causing internal hernia (Duhay) 7, 332, *rep.*
- circulation (Cokkinis) 64, 200-5
- jejuno-iliac, loops of (Stopnitzki) 33, 354 (ref. only)
- malformation (Gruber), 3, 456, *rep.*
- nerve supply, afferent, and causation of abdominal pain (Sheehan) 67, 233-49 (man, cat)
- of tube, digestive, development, vertebrate (Robinson) 33, 434-70
- of vermiform appendix, pierced by appendix (Rolleston) 32, 64-6
- Mesoblast, maldevelopment, 33, 510, *rep.*
- Mesocardia, developmental changes, and of pericardium and pleural sacs embryo (Waterston) 50, 24-9; 50, 6-8, *P. (January 1915)*
- Mesocolon, descending, hernia into (McKenzie) 88, 410-12
- development, in relation to persistent abnormality (Cleland) 2, 201-6
- foetus included in 37, 302-3, *rep.*
- transverse, development (Lockwood) 18, 257-64
- Mesocricetus auratus (golden hamster) oocyte and granulosa cells in developing ovarian follicles, electron microscopy (Weakley) 100, 503-34
- Mesoderm, cephalic, growth (Frazer & Mann) 59, 45-6, *S.P.*
- condensations, in vicinity of dental germs (Tonge) 85, 418, *P.*

Subject Index

- Mesoderm, (cont.)**
 development, early, ferret (Hamilton) 70, 196, P.
 man (Florian) 67, 263-76
 in sheep (Hamilton & Boyd) 80, 224, P.
 maxillary, growth and extension (Frazer & Mann) 59, 79, S.P.
- Mesonephros** (Waldeyer) 4, 161, *rep.* (dog)
 of sheep (Davies & Davies) 83, 72-3, P.
 arteries, in sheep (Davies) 83, 73, P.
 development, early, and pronephros, cat (Fraser) 54, 287-304
 experiments, *Amblyostoma* and *Pleurodeles waltlii* (O'Connor) 74, 34-44
 early and pronephros, development, duck (Davies) 84, 95-103; 84, 72, P.
 electron microscopy, rabbit (Leeson) 91, 584-5, P.
 human embryo, model (Debyre) 61, 514, P. (*dem. only*)
 and metanephros, structure and function, correlation, rabbit (Leeson & Baxter) 91, 383-90; 91, 578, P.
 origin, vertebrate, from study of ammocoetes (Gaskell) 37, 168-219
 structure, fine, electron microscopy, rabbit (Leeson) 94, 100-6
 tubules, alkaline phosphatase in and in metanephric tubules (Baxter) 84, 77, P.
see also Kidney
- Mesoplodon bidens** (Sowerby's whale), anatomy of skeleton and viscera (Turner) 20, 144-88
 description (Turner) 16, 458-70
- Mesoplodon layardii** (Hector) 7, 335, *rep.*
 form and structure of teeth (Turner) 13, 465-80
- Mesoplodon sowerbyi**, teeth (Turner) 13, 465-80
- Mesosternum**, *see* Sternum, body
- Metabolism**, cellular, evolution (Smart) 97, 312, P.
- Metacarpal bones**, and carpal bones, fusion, with congenital dislocation of elbow (Bellamy) 8, 383
 difference in mode of ossification of first metatarsal and (Thomson) 3, 131-46; note on by Humphry, 3, 143-5
 elongation sites (Roche) 99, 948, P.A.S.A.N.Z.
 first, and metatarsals, abnormal epiphyses (Colwell) 62, 183
 Haversian system, collagen component, horse (Cleland) 97, 489, P.A.S.A.N.Z.
 second, bilateral basal epiphysis (Wakeley) 58, 340-5
 basal epiphysis, in two-year-old female (Wakeley) 59, 84, S.P.
 third, styloid process as separate epiphysis (Gruber) 5, 192, *rep.*
 separate ossification of styloid process (Smith) 27, xxxvii-xxxviii, P.
 4th hereditary shortening of (Turner) 18, 463-4, *anat. not.*
 and metatarsal bones (rudimentary) of ox embryos (Mettam) 29, 244-53
 in children, radiography (Posener, Walker & Weddell) 74, 76-9
 double epiphyses in (Weddell) 73, 360, P.
 variations, 100 specimens (Singh) 93, 262-7
- Metachromasia**, of hair follicle (Singh & McKenzie) 96, 317-20
- Metal**, fusible, injections of (Miles) 25, 557-61; applications (Cathcart) 25, 562-5
 physiological activity of, in relation to atomic weight and specific heat (Rabuteau) 4, 171-2, *rep.*
- Metalloids**, physiological activity of, in relation to atomic weight and specific heat (Rabuteau) 4, 171-2, *rep.*
- Metamorphosis**, of blow-fly (*Musca vomitoria*) (Davison) 19, 150-65
- Metanephros**, blood vessels, development, rabbit (Lewis) 92, 84-97
 and mesonephros, structure and function, correlation, rabbit (Leeson & Baxter) 91, 383-90; 91, 578, P.
 phosphatase activity, non-specific phosphate-splitting enzymes (Ivemark) 92, 98-109
 structure, fine, electron microscopy, rabbit (Leeson) 94, 100-6
 in a teratoma (Nicholson) 66, 138, P. (*t.o.*)
 tubules of, alkaline phosphatase in and in mesonephric tubules (Baxter) 84, 77, P.
- Metaphysis**, effects of starvation, septicaemia and chronic otitis media (Acheson) 93, 123-30 (*rat*)
- Metaplasia**, myeloid, in cervical lymph gland, normal guinea pig (Yoffey & Bhuyan) 98, 681, P.
- Metatarsal bones**, abnormal epiphyses, with abnormal epiphyses of first metacarpals (Colwell) 62, 183
 attachments between heads (Wheeler Haines) 87, 460, P.
 difference in mode of ossification of first metacarpal and (Thomson) 3, 131-46; note on by Humphry, 3, 143-5
 elongation sites (Roche) 99, 948, P.A.S.A.N.Z.
 fourth and fifth, fusion, bony, in frog (Mudge) 34, iii-iv, P. (November 1899)
 fifth, epiphysis in styloid process (Gruber) 10, 440, *rep.*
 in reptilia, and hind foot in *Youngina* (Goodrich) 76, 308-12
 and metacarpal in children, radiography (Posener, Walker & Weddell) 74, 76-9
 double epiphyses in (Weddell) 73, 360, P.
 variations, 100 specimens (Singh) 94, 345-50
- Methaemoglobin**, and haemoglobin, properties (Preyer) 3, 465-7, *rep.*
- Method**, graphic, applied to medicine and science (Marey) 10, 654, *rep.*
see also Techniques
- Methylene blue** preparations of cutaneous nerve plexuses, demonstration (Weddell) 76, 229, P.
- Metopism**, (Bryce & Young) 51, 153-66; (Young) 51, 10-11, P. (June 1916)
- Meyer's experiment** (Hoppe) 9, 414, *rep.*
- Microanalyser**, scanning electron-probe x-ray, application to mineralized tissues (Boyde, Switsur & Fearnhead) 95, 449, P.
- 'Microbodies'**, *see* Bodies, dense
- Microcebus**, body, geniculate, lateral, laminar structure in (Chacko) 83, 56, P.
- Microcephaly**, 30, 460, *rep.*; 33, 516-17, *rep.*; 1 case, 34, 416, *rep.*; 35, 502, *rep.*; 36, 302, *rep.*; 1 case (Duckworth) 43, vi, P. (March 1908) (*t.o.*)
 1 case (Giacomini) 13, 266 (*t.o.*); comment by Turner, 13, 281
 adult (Kempson) 32, 267-71
 brain of mental defective (Macnamara & Burne) 37, 258-65
 (19 mental defectives) and macrocephalic (9 hydrocephalic) (Humphry) 29, 304-28; 29, x
 familial (Houze) 39, 500, *rep.*
 and infantile hemiplegia, 2 cases, central nervous system and skull in both, skeleton in one (Thomson) 28, 419-44
 morphological aspects (Cole) 44, 315-44
 skull in, adult (Kempson) 32, 267-71
 with symmetrical parietal perforations (Paterson & Lovegrove) 34, 228-37
see also Insane, Insanity

Subject Index

- Microcirculation**, *The microcirculation. Factors influencing exchange of substances across capillary wall* (ed. by Reynolds & Zweifach) 1959 94, 569, *rev*
 blood, technique (Monro) 92, 634, *P*.
 studies using transparent tissue observation chambers inserted in hamster cheek pouch (Sewell) 100, 839
- Micrococci**, infection by (Ogston) 16, 526-67 (*clinical and experimental*)
 infection by (sapraemia, septicaemia, pyaemia and inflammation) (Ogston) 17, 24-58
- Micrococcus neoformans**, intra-peritoneal inoculation, results, 42, 135, *rep*
- Microgale longicauda** (tenrec) anatomy of (Dobson) 16, 355-61
see also Centetes, *Ericulus*
- Microglia**, development (Field) 87, 439 (*man, mouse rat*)
 with note on influence of cortisone (Field) 89, 201-8 (*mouse, rat, man, sheep, goat*)
 in hypophysis cerebri, posterior lobe (Vazquez-Lopez) 76, 178-86 (*horse*)
 in relation to damage of nerve cells (Field) 86, 483-4, *P*.
- Microgyria**, 36, 302, *rep*
- Micro-incineration**, *Das Aschenbild tierischer Gewebe und Organe* (Hintzsche) 1956, 91, 295, *rev*.
 (Hornig) 69, 150, *P* (*to*), 69, 152, *P* (*dem*)
 of cells of adenohipophysis (Kruszynski) 91, 614-15, *P*.
 improved technique for demonstration of mineral content of cells (Kruszynski) 88, 580-1, *P*
- Micromastia** (Williams) 25, 304-15
- Micro-objectives**, *see* Objectives
- Micro-organisms**, relations of to tissue elements (Woodhead & Hare) 20, 76-99
- Microphotography**, use of colour filters in (Todd) 31, 114-15
 new method (Waterston) 57, 364-5
 sections of human embryos taken by (Waterston) 59, 41, *S P* (*to*)
 of the skin (Sarkany & Caron) 99, 359-64
- Microphthalmia** (Bichet) 27, 418, *rep*, 32, 788, *rep*, 38, 366, *rep*, 44, 99, *rep*.
 nerve optic, crossed and uncrossed fibres (Rogalski) 80, 215-16, *P*
 congenital, pig, 43, 118, *rep*.
- Micropterus cinereus** (*steamer duck*) anatomy of (Cunningham) 6, 447, *rep*
- Microradiography**, of tissues treated by metallic impregnation (Mitchell) 84, 405, *P*
 and X-ray microscopy, advances (Mitchell) 90, 598, *P*
- Microscope**, compound, centenary of (Rutherford) 25, iv-xi, *P* (SMS)
 electron, techniques (Robertson) 93, 578, *P* (*dem*)
 interference, of cells in tissue culture (Abercrombie, Ambrose, Lasty & Heaysman) 89, 575, *P*
 manufacturer's and warehouseman's (Schultze) 25, ii, *P* (SMS) (*to*)
 reflecting, in anatomical research (Barer) 83, 73-4, *P*.
 ultra-violet, developmental study of foetal guinea-pig by means of (Hughes & Flexner) 90, 386-94
- Microscopy**, apparatus for maintaining constant temperature (Schafer) 9, 404, *rep*
 electron, *Atlas of electron microscopy: biological applications* (compiled by Scanga) 1964 98, 458, *rev*
Electron microscopy in anatomy (Anatomical Society of Great Britain, edited by Boyd, Johnson & Lever) 1961 95, 444-5, *rev*
Electron microscopy (Causey) 1962 97, 136, *rev*.
- Electron microscopy* (edited by Valentine) 1962, *Brit. Med. Bull.*, vol 18, no 3, 97, 293, *rev*.
Introduction to electron microscopy (Wischnitzer) 1962 97, 131, *rev*.
see also individual headings
 phase contrast, in anatomy (Barer) 83, 61, *P*.
 ultraviolet television (Barer) 97, 638, *P*.
 X-ray, and microradiography, advances (Mitchell) 90, 598, *P*.
 vasa vasorum, aortic, postnatal, development (Clarke) 99, 877-9
- Microspectrophotometry**, two wavelength method (Cleland) 98, 483-4, *P A S A N Z*
- Microtome** (Stirling) 4, 230-4
 freezing (Rutherford) 10, 178-85
 ether, form of (Cathcart) 17, 401-3
 improved design (Hughes) 10, 615-16
 (Rutherford) modification (Harris) 33, 609-11
 for sections of the spinal cord (Lewis) 11, 537-9
 Huxley ultra-, automatic drive mechanism (Pedler) 97, 312, *P* (*to*)
 Rivet, modification of (Fritsch) 9, 404, *rep*
 rocking, sections, uniplanar with (Handley) 37, 290-2 (*simple*) for cutting paraffin and frozen sections (Rutherford) 5, 324-8
 ultramicrotome (Sims & Leeson) 91, 596, *P*.
- Microtus agrestis** (field vole) fertilization, early cleavage and associated phenomena in (Austin) 91, 1-11
- Microtus amphibius** (water vole), *see* *Arvicola* (*Microtus*) *amphibius*
- Micturition**, mechanical factors (Vincent) 93, 583, *P*.
- Mid-brain**, *see* Mesencephalon
- Midgets**, skeletons, characteristics, radiology (Brailsford) 69, 152, *P* (*to*)
- Migration**, lumbar, induced for studying melanocytes (Henkind & Jay) 100, 139-45 (*guinea-pig eye*)
 mode of direction finding in migratory animals (Brown) 4, 323, *rep*
 processes of, and veins of dorsal body wall in ontogeny (Auer) 80, 61-74
 transuterine, of ovum, sheep and other mammals (Boyd, Hamilton & Hammond) 78, 5-14, 80, 217, *P*.
- Milk**, *Milk, the mammary gland and its secretion* (edited by Kon & Cowie) 1961 96, 132, *rev*
 albumin in, quantitative estimation (Puls) 11, 568, *rep*.
 changes in the production of butter (Kemmerich) 1, 358, *rep*
 chemistry (Kemmerich) 4, 321, *rep*
 and coagulation (Harris) 29, 188-200
 physiological (Sovlet) 7, 355, *rep*
 composition (Bogomoloff) 6, 464, *rep*.
 human (Brunner) 8, 209-10, *rep*
 influence of diet on (Ssubotin) 1, 159-60, *rep*
 cow's and human, comparison between (Langgard) 10, 651, *rep*.
 investigations into, as food (Biedert) 9, 447, *rep*.
 dialysis, through gelatinized paper (Schmidt) 10, 640-2, *rep*
 ejection, relation to myoepithelial cells (silver staining) (Linzell) 86, 49-57 (*cat, dog, rabbit, rat, goat, human*)
 fat content (Brunner) 8, 427, *rep*. (*human*)
 quantitative estimation (Lowit) 9, 447, *rep*
 and proteins, formation (Bargmann) 93, 585, *P*.
 gases (Pfluger) 4, 181, *rep*
 globules (de Sinety) 9, 448, *rep* (*guinea pig, human*)
 organic particles in (Béchamp) 8, 209, *rep*
 proteins and fat, formation (Bargmann) 93, 585, *P*.
 pyrogenic substance in (Klebs) 3, 237, *rep*.

Subject Index

Milk, (cont.)

- reaction to litmus (Vogel) 8, 427, *rep.*
 secretion, physiology (Röhrig) 11, 568, *rep.*
 rat, cytomorphology (Benson & Brown) 100, 689, *P.*
 'spots', in meninges of newborn and stillborn infants (Watt) 95, 617, *P.*
 structure of fat droplets in (Schwalbe) 7, 355, *rep.*
 urea content (Lefort) 1, 159, *rep.*
 uterine, source and composition, mare (Amoroso) 84, 78, *P.*
- Mind**, *Brain and mind, or the nervous system of man* (Berry) 1928. 63, 389-90, *rev.*
The matrix of the mind (Jones & Porteous) 1928. 63, 283-4, *rev.*
Mind and Brain; or the correlations of consciousness and organization (Laycock) 2 vols, 2nd ed. 1869. 4, 148, *rev.*
The mind of man (Smee) 1875. 9, 387, *rev.*
 relation to brain (Cleland) 16, 491-2, *phys. not.*
- Mineral waters**, effects on bile secretion (Bain) 33, 91-130
- Mineralisation**, *The pattern of progressive mineralisation in human dental enamel* (Crabb & Darling) 1962. 96, 541, *rev.*
- Mineral(s)**, *Histochemie der Mineralstoffe* (ed. by Schiebler) (Acta histochemica, Supp. III, 1963). 98, 459, *rev.*
 deficiency of (no author) 9, 244, *rep.*
- Mineral system**, *see* System(s), mineral
- Mingazzini phenomenon**, and absorption from the small intestine (Macklin & Macklin) 61, 144-50
- Miniopterus schreibersi** (long-winged bat), cranium, primordial, 17 mm. total length stage (Fawcett) 53, 315-48
- Mirounga leonina** (southern elephant seal) delayed implantation in (Bonner) 90, 574, *P.*
- Mitochondria**, and dense bodies, relationship between in motor nerve cells, electron microscopic evidence (Hudson & Hartmann) 95, 288, *P. (rabbit)*
 demonstration, method (Pritchard) 86, 10-11
 in mammary gland, quantitative study (Howe, Richardson & Birbeck) 89, 574, *P. (guinea-pig)*
 of suprarenal cortex, structure, fine (Lever) 90, 589-90, *P.*
- Mitosis**, changes, structural, and ribonucleoprotein (Boss) 87, 445, *P.*
 in epithelium, vaginal, following oestrogenic stimulation, mouse (Biggers & Claringbold) 89, 124-31
 inhibition in embryonic tissue (O'Connor) 84, 408, *P.*
 inhibitors, effects of early development of chick embryo (Bellairs) 88, 548-9, *P.*
 in mast cells (Whitting) 100, 938, *P.A.S.A.N.Z.*
 oxygen tension necessary for, in chick myoblasts (Wright) 61, 513, *P.*
 premeiotic, *see* Premeiotic mitosis
 staining methods to demonstrate (Stirling) 24, 602-4
see also Cycle, mitotic; and individual cells
- Models**, blotting-paper, construction (Saunders) 74, 406-8
 reconstruction, by contour figure (Buist) 47, 246-9
 orientation, method (Fell) 70, 278-82
- Modiolus**, of face (Lightoller) 60, 1-85 (*human and chimpanzee*)
- Mola nasus**, *see* Pisces, Teleostei
- Molars**, *see* Teeth, molars
- Mole** (animal) hermaphroditism in (Brown) 58, 355-8
 marsupial, *see* *Notoryctes typhlops*
 snout (Eimer) 6, 443, *rep.*
see also *Condylura*, *Scalops*, *Scapamus*, *Talpa*

- Mole**, human (Lachi) 28, 370, *rep.*
 abortion (Giacomini) 27, 415, *rep.*; 28, 370, *rep.*
 hydatiform, 1 case (Valenti) 29, 465, *rep.*; 37, 299-300, *rep.*
- Mollitis ossium**, deformities produced in relation to the position of the lumbo-sacral articulation (Lane) 22, 15-27
- Mollusca**, comparative histology (Boll) 3, 459, *rep.*
 hermaphroditism, absence of male reproductive organs in 2 (Collinge) 27, 237-8
see also, *Ascidia canina*
- Molluscum contagiosum**, histology (Thin) 16, 202-7
- Momordica elaterium**, dehiscence of fruit of (Yule) 11, 348-52
- Monachus schauinslandi** (Laysan Monk seal) venous modifications in (Tomlinson & Harrison) 95, 453, *P.*
- Mongolism**, *see* Down's syndrome
- Mongoose**, *see* *Herpestes*
- Monitor**, common or two-banded, *see* *Varamus salvator*
- Monkeys**, **Capuchin**, *see* *Cebus*
Catarrhine, *see* *Cercopithecoidea* (Simpson)
 femoral artery in (Brown) 15, 523-35
 fossil, found in Italy (Major) 7, 171, *rep.*
 green, *see* *Cercopithecus aethiops sabaeus*
 grivet, kidney, blood supply (Munkacsi) 97, 626, *P.*
 howling, *see* *Alouatta*; *Alouatta seniculus*
 papillary ridges of hands and feet of (Hepburn) 30, 312, 314-15, *rev.*
- Platyrrhine**, *see* *Ceboidea* (Simpson)
- rhesus**, *see* *Macaca mulatta*
- South American**, trophoblast in, early development (Hill & Sansom) 59, 77, *S.P.*
see also *Alouatta*; *Callicebus personatus*
- 'spider'**, *see* *Ateles*
- squirrel**, *see* *Saimiri*
see also *Cacajás melanocephala*: *Colobinae*: *Macaca*: *Semnopithecus entellus*; *Apes anthropoid*; *Pan*, *Pongo*; *Cercopithecoidea*; *Ceboidea*
- Monoamine oxidase**, activity within cardiac plexuses (Fisher *et al.*) 97, 616-17, *P.*
 distribution in skin of cattle, and of nerves and cholinesterase (Jenkinson) 100, 593-613
 inhibitor, effect on eosinophilic cells in colonic mucosa (Schofield *et al.*) 99, 950, *P.A.S.A.N.Z. (mouse)*
 in pineal gland, neurohypophysis and brain, albino rat (Smith) 97, 81-6; 97, 142, *P.*
- Monocephalus deradelpus**, 40, 297, *rep. (cat)*
- Monodon monoceros**, bidental skull (Clark) 6, 445, *rep.*
 dentition (Turner) 7, 75-9; (Turner) 10, 516
- Monopodia**, 31, 456, *rep.*
- Monotremata**, brain (Smith) 33, 309-42
 cartilages of larynx (Symington) 34, 90-100
 carotid body-carotid sinus complex (Dowd) 98, 494, *P.A.S.A.N.Z.*
 commissures (Symington) 27, 69-84; (Elliot Smith) 71, 528-43
 conduction in heart (Davies) 65, 339-51; 65, 178, *P. (t.o.)*
 development, and marsupials (Wilson & Hill) 40, vi (*t.o.*); (Hill) 61, 515, *P. (dem. only)*
 facial muscles in, matrices, homologization of, with that of marsupials and placentals (Lightoller) 76, 258-69
 maturation, fertilization and early cleavage (Flynn & Hill) 72, 156-7, *P.*
 organ of Jacobson in (Broom) 30, 70-80 (*comparative study*)
 segmenting eggs of (Hill & Flynn) 66, 132, *P. (t.o.)*
see also *Ornithorhynchus anatinus*, *Tachyglossus aculeatus*

Subject Index

- Monsters** (Jaccard) 34, 413, *rep.*
Human monstrosities, parts I and II (Hirst & Piersol) 1891-2, 26, 576-7, *rev.*
 biological significance, 36, 297, *rep.*
 Catalogue, University of Helsingfors (Clopatt & Hallsten) 28, 373, *rep.*
 cause, theories, in relation to maternal mental state, 32, 783, *rep.*
 Dorking fowl (Paterson) 21, 180-4
 double, asymmetrical, 32, 784-6, *rep.*
 avian, 36, 300, *rep.*
 cause, theories (Wiedemann) 29, 469, *rep.*
 classification, 40, 296, *rep.*; 42, 135, *rep.*
 conjoined twins (Pick) 4, 306, *rep.*
 craniopagus parietalis (Scholefield) 63, 384-8 (1 case)
 and development of tongue (Cleland) 8, 250-60 (cat)
 dicephalus, with dibrachius dipus (Smith & Boulgakow) 61, 94-104
 dicephalic tetrabrachiate, 1 case (McKenzie) 90, 587-8, *P.*
 double-headed (Fränkel) 4, 306, *rep.* (man)
 with double-head and multiple abnormalities 13, 164-72 (human foetus)
 Duplicitas monstrosa superior, 5, 196, *rep.*
 epignathus, dissection (Hill), 19, 190-7
 homotropic and heterotropic duplicity and hypertrophy of parts (Windle) 28, 25-45
 in kittens, 3 cases (Windle) 35, iv, *P.*
 lizard (*Tiliqua scincoides*) embryo (Willis) 66, 189-201
 and multiple, in *Amphioxus* (Wilson) 27, 416-17, *rep.*
 origin (Windle) 23, 390-9; 34, 415, *rep.*; 40, 296, *rep.*
 Rana europaea, 42, 136, *rep.* (3 cases)
 rhinodymia, 35, 501, *rep.*
 in *Talpa europaea*, 42, 136, *rep.*
 thoracopagus, female, with third normal male triplet (Thompson) 34, 415, *rep.*
 breach fused (Siddiqi) 69, 118-23
 see also Derodidymus
 see also Duplicity
 features, 44, 97, *rep.*
 gynandroid, 7th month, 40, 294, *rep.*
 hypsiloid and xioid, classification, 42, 135-6, *rep.*
 kitten (McIntosh) 2, 366-73
 origin, 44, 96, *rep.*
 in relation to placenta (Ercolani) 10, 456, *rep.*
Triplicitas monstrosa inferior, 5, 196, *rep.*
 with union of similar parts, 38, 361, *rep.*
 xioid and hypsiloid, classification, 42, 135-6, *rep.*
 two-headed, see Derodidymus; Monsters, double
Monstriparity, recurrent, 35, 499, *rep.*
Moriori and Maori, Skulls, parietal foramina, incidence (Stallworthy) 67, 168-74
Morphia, action (Gscheidlen) 3, 473-4, *rep.* (frog)
 and atropia, antagonism between (Finney) 7, 198, *rep.*
 and chloroform, combined actions (Bernard) 4, 166-7, *rep.*
 and hydrocyanic acid, experimental investigation of antagonism between (Reese) 5, 394-5, *rep.*
 effect on reflex activity (Meihwizeen) 8, 229-30, *rep.* (frog)
 see also Morphine
Morphine, quaternary ammonium salts of, connection between chemical composition and physiological action (Brown) 2, 224-42
Morphogenesis, head, chick embryo (Silver) 94, 283, *P.*

- Morphology**, *A bibliography of human morphology* (Krogman) 1914-39, 76, 141, *rev.*
Journal of morphology (Ed. Whitman) vol. 1, no. 1, September, 1887, 22, 308, *rev.*
Morphology and anthropology (Duckworth) 1904, 39, 369-70, *rev.*
Synthetische Morphologie der Niere des Menschen (Heidenhain) 1937, 72, 313, *rev.*
Human embryology and morphology (Keith) 1948, 83, 176, *rev.*
The morphology and evolution of apes and man (Sonntag) 1924, 59, 224, *rev.*
Morrhua vulgaris (cod-fish), hermaphroditism (Smith) 4, 256-8
Mortice joint, see Joints, zygapophyseal
Motility, gastric, produced by hypothalamic stimulation (Heslop) 72, 626, *P.* (dem.)
Motmot, affinities (Murie) 7, 337, *rep.*
Mound, burial, ancient, County Down, skeletal remains from (Morton & Scott) 89, 567, *P.*
 see also Burial; Remains
Mounting, glycerine-jelly used for (Bruere & Kaufmann) 44, 345-8
 of ophthalmic specimens (Windle) 32, xxii, *P.*
 of sections for museum (Wilson) 45, 3-6
Mouse, *The genesis of the mouse skeleton: a laboratory atlas* (Wirtschafter) 1960, 95, 279, *rev.*
 common, see also Mus
 development of lungs (Robinson) 23, 224-41
 forebrain, Golgi observations (Valverde) 97, 157-80
 grey-lethal, bone and tooth development, endogenous and exogenous factors, relations (Grüneberg) 71, 236-44
 and parathormone (Barnicot) 79, 83-91
 tooth and bone development, endogenous and exogenous factors, relations (Grüneberg) 71, 236-44
 sternum, morphogenesis (Chen) part I, 86, 373-86; part II, 86, 387-401; part III, 87, 130-49
 see also *Mastomys erythroleucus* Temm.
Mouth, biology, *Advances in oral biology* (ed. Staple) vol. 1, 1964, 99, 190, *rev.*
 cavity, cysts, developmental in human foetuses (Scott) 89, 561, *P.*
 double, with two pituitaries, 11-day female (Bacsich et al.) 98, 292-3, *P.*
 mucous membrane, nerve-endings in (Elin) 6, 436, *rep.*
 old, and olfactory organ, origin of vertebrates from the study of ammocoetes, part VI (Gaskell) 34, 514-37; 34, xxvi, November 1899
 opening of *Cephalaspis* (Allis) 65, 509-27
Movements (Radcliffe) 8, 300-20 (man, rabbit)
The human figure in motion (Muybridge) c. 1955, 91, 144, *rev.*
 acrobatic, radiography and cinematography (Lockhart) 67, 205-6, *P.*
 anatomical and physiological localisation in the brain (Jackson) 7, 340, *rep.*
 incidence and crescence, in foetal sheep (Barcroft) 76, 226, *P.*
 induced by stimulation of cortex and white matter of cerebrum (François-Franck) 16, 141-2 (animal expts.) *rep.*
 produced by circulation of the blood (Gordon) 11, 533-6 (note by Trotter p. 755)
 cardiac, duration and sequence in a case of sternal fissure (Gibson) 14, 234-40
 choreiform, and reflex action of electricity (Legros & Onimus) 6, 221, *rep.*
 costal, during respiration, and, in infants, while crying (Davis & Moore) 97, 153, *P.*

Subject Index

Movements, (cont.)

- of finger, ring, after ulnar nerve block at pisiform (Whillis & Channell) 83, 71, *P.*
- gastro-intestinal (Rogers) 65, 164, *P. (t.o.)*
- see also Movements, intestinal
- intestinal (Horvath) 8, 208, *rep. (animal expts.)*
- effects of nicotia and tobacco-smoke upon (Basch & Oser) 8, 226, *rep. (expts.)*
- inhibition of by stimulation of splanchnic nerves, 8, 417, *rep.*
- investigation by analysing projector (Joseph) 96, 413, *P.*
- joint, embalming technique for study in animals (Ottaway) 80, 207-8
- new facts (Cyriax) 51, 396-9
- shoulder (Martin & O'Brien) 74, 140, *P. (film)*
- further note (Lockhart) 68, 135-7, *P.*
- wrist (Wright) 70, 137-42
- see also individual joints
- when lifting, thoracic and lumbar spine, chronocyclophotography (Davis *et al.*) 99, 13-26
- of limb, upper, rotary, amplitude (Salter & Darcus) 87, 407-18
- limitation, effect on longitudinal muscle growth (Crawford, Edwards & Alder) 93, 568, *P.*
- muscular, voluntary, and nerve lesions (Wood Jones) 54, 41-57
- see also Muscles, action
- ocular, innervation (Samelssohn) 7, 344, *rep.*
- oesophageal (Mosso) 8, 416-17, *rep. (cat, dog)*
- peristaltic, of intestines and stomach (Honckgeest) 8, 208-9, *rep.*
- postural, during normal standing (Thomas & Whitney) 93, 524-39
- respiratory (Lockenberg) 8, 203, *rep.*; (Riegel) 8, 409, *rep.*
- of fishes (M'Kendrick) 14, 461-6 (*dog-fish and numerous bony fish*)
- graphic representation (Schroetter) 8, 203, *rep.*
- mechanics (Ransome) 7, 348, *rep.*; 8, 161, *rep.*
- of trachea, effects of irritant vapours on (Knoll) 9, 233, *rep.*
- in relation to stimulation of the vagus (Mayer) 10, 212, *rep. (animal expts.)*
- of rib, first (Haines) 80, 94-100; 80, 232, *P.*
- sucking, in the bee, centres for co-ordination (Dönhoff) 10, 202, *rep.*
- tongue, in swallowing (Whillis) 80, 115-16; 80, 229, *P.*
- animal, especially cat (Abd-El-Malek) 73, 15-30
- voluntary, instrumental analysis of (Jack) 29, 473-8
- disturbance after typhus (Nothnagel) 6, 218-19, *rep.*
- see also, Contractions; Locomotion; Torsion
- Mucin**, of submaxillary glands (Obolensky) 6, 471, *rep.*
- synovial, origin, and staining reaction of synovial membrane (Davies) 77, 160-9 (*various animals*)
- Mucopolysaccharides**, acid, in electron microscopy, colloidal iron method (Curran *et al.*) 99, 427-34 (*rat jejunum*)
- hyaluronic acid type, periodic acid Schiff procedure for identification (Davies) 85, 426, *P.*
- and collagen, relationship, nucleus pulposus (Smith) 99, 196-7, *P.*; (Smith *et al.*) 99, 197, *P.*
- in inflammation (Barer, Barer & Bradbury) 95, 608, *P.*; Further observations, 95, 612, *P.*
- sulphated, staining of, in tissue sections (Heath) 95, 289-90, *P.*
- in teeth, rodent (Kennedy, J.S. & Kennedy, G.D.C.) 91, 398-408
- mucoprotein-sulphated complex formation in lymphoid tissue of pregnant guinea-pig (Marshall & Swettenham) 93, 348-53

- Mucosa**, anal, resection results, mice (O'Connor) 90, 570, *P.*
- of ano-rectal junction (Vincent & McFadden) 91, 616-17, *P.*
- of concha, nasal, blood supply, man and mammals (Harper) 81, 392, *P.*
- gall bladder, lesions, epithelialization, cat (McMinn & Johnson) 90, 578-9, *P.*
- intestinal, and digestive secretion in long-nosed Bandicoot (*Perameles nasuta Geoffroi*) (van Lennep) 97, 488, *P.A.S.A.N.Z.*
- of intestine, small, amount (Martin & Banks) 75, 135-6 *anat. not. (man)*
- lesions of, experimental, formation of villi and healing (McMinn & Mitchell) 88, 99-107 (*cat*); 87, 463, *P.*
- nasal, respiratory, in man, rabbit, rat (Taylor) 91, 579, *P.*
- of neck of bladder (Vincent & McFadden) 91, 616-17, *P.*
- oral, innervation (Dixon) 91, 575, *P. (cat, guinea-pig, man, monkey, rabbit)*
- uterine, changes, cyclic, in balaenopterid whales (Matthews) 82, 207-32; 83, 87, *P.*
- Mucus**, absence of, in urine (Méhu) 11, 567, *rep.*
- function (Negus) 98, 290, *P. (fish)*
- Mulligan's method**, see Stains and staining
- Muridae**, British, glands, preputial of (Jackson) 72, 458-61
- Murmurs**, cardiac, causes of (Heynsius) 13, 407-9, *rep.*
- vascular, cause of (Nolet) 6, 233, *rep. (animal)*
- Mus** (common mouse) structure of nipples of (Gegenbaur) 10, 454, *rep.*
- Musculus**, taste organs of (Tuckerman) 25, 505-6
- Musca vomitoria** (blow-fly) metamorphosis of (Davison) 19, 150-65
- Muscarin**, action on accommodation and on pupil (Krenchel) 9, 414, *rep.*
- effects on secretion of urine, and on pancreatic and biliary secretion (Prevost) 9, 240-1, *rep. (cat, dog, rabbit)*
- Muscle(s)**, general
- The innervation of muscle, a biopsy study* (Coërs & Woolf) 1959. 94, 445, *rev.*
- Observations in myology* (Humphry) 1872. 7, 166, *rev.*
- Muscle: Proceedings of the Symposium held at the Faculty of Medicine, University of Alberta* (ed. by Paul *et al.*) 1964, 1965. 100, 204, *rev.*
- Projections, deepenings and undulations of the surface of the skull in relation to the attachment of muscles* (van der Klaauw) 1963. 98, 459, *rev.*
- in man, abstract of 3 lectures (Humphry) 7, 360-8
- Neurovascular hila of muscles* (Brash) 1955. 90, 155, *rev.*
- action(s) and function (Mackenzie) 52, 343-4
- passing over more than one joint, (striped) (Cleland) 1, 85-93; (Hister) 3, 448-9, *rep.*
- chemical of active and inactive (striped) (Grützner) 8, 213, *rep. (frog)*; (Gscheidlen) 9, 245, *rep.*
- efficiency, with respect to fatigue and oxygen consumption (striped) (Darcus, Weddell & Weiner) 81, 394, *P.*
- surface anatomy by cinematography (Lockhart) 68, 145, *P.*
- theory, unstriped (Chirone), 11, 568, *rep.*
- see also Movements, muscular
- activity, foetal, rat, (Straus) 72, 470-1, *P.*
- of anencephalic foetus (Windle) 27, 348-53
- atrophy, and disuse (Smith) 62, 238-40
- attachments, in relation to growth of bone (Symons) 87, 453, *P.*
- of Bengali (Dacca) (Bryce) 31, 616-18; 31, xxxvi, *P.*

Subject Index

Muscle(s), (cont.)

- atrophy, after motor denervation (striped) (Vulpian) 7, 178, *rep.*
- following poliomyelitis, anterior and ramisection, anterior (striped) (Bowden) 85, 419-20, *P. (rhesus macaca)*
- biopsy, in long-standing anterior poliomyelitis (Gutmann & Bowden) 81, 384, *P.*
- blood and nutrition of (Marcet) 6, 464, *rep.*
- see also* Muscles, circulation
- blood gases, in (Ludwig & Schmidt) 4, 172-6, *rep. (dog)*
- blood-supply, irritability of striped muscle in relation to (striped) (Schmoulewitsch) 13, 258, *abs. (expt.)*
- and body, mechanics (Haughton) 7, 168-9, *rep. (animal)*
- changes in, after nerve injuries (Vulpian) 8, 186, *rep.*
- chemical, of blood in (Ludwig & Schmidt) 3, 230-1, *rep. (carnivora)*
- independent, and bones (Dobson) 19, 16-23 (*marsupial & mammal*)
- chemistry (Thudicum) 3, 236-7, *rep.*
- in contraction and in rigor* (Hermann) 3, 232-4, *rep.*
- cholinesterase activity distribution and autonomic nerve supply in (striped) (Cauna & Naik) 95, 602-3, *P. (mammals inc. man)*
- circulation in (Sadler) 5, 212-13, *rep. (animals)*
- comparative, observations (Gadow) 16, 493-514
- conductivity, thermal of (Adamkiewicz) 11, 570, *rep.*
- contractility, nature, and extensibility of (Volkmann) 5, 405, *rep.*
- contraction (Schmulewitsch) 5, 404-5, *rep.*; (Hermann) 6, 239, *rep.*
- and structure (striped) (M'Dougall) 31, 410-41; 31, 538-85
- in relation to composition, form and weighting of (striped) (Cash) 15, 431-45 (*frog, tortoise, rabbit*)
- continued effect (striped) (Helmholtz) 1, 361-2, *rep.*
- duration (Klunder) 5, 405, *rep.*
- electrical current (Varler) 5, 405-6, *rep.*
- force (striped) (Rosenthal) 3, 217, *rep. (frog)*
- and heat (striped) (Schmulewitsch) 3, 218, *rep. (frog)*
- height, function of weight (Tiegel) 11, 568, *rep.*
- with supramaximal stimuli (Tiegel) 11, 568, *rep.*
- recovery after (striped) (Rollet reported by Harris) 31, 306-8
- theory (striped) (Newman) 13, 549-76 (*frog*)
- rates of transmission of and negative variation in (striped) (Bernstein & Steiner) 11, 568-9, *rep. (curarized dog, rabbit)*
- variations in character of, with repeated stimulation (striped) (Rollet reported by Harris) 31, 306-8
- contractivity of, after death (Richardson) 8, 213-14, *rep.*
- see also* Muscles, post-mortem
- creatine in, in various diseases (Perls) 4, 321, *rep.*
- wing and leg in fowls (striped) (Sczelkow) 1, 358, *rep.*
- curara as a poison to (Tillie) 28, 96-106
- current pre-existing, 5, 218, *rep.*
- see also* Muscles, electricity
- effect upon (striped) (Herrmann) 7, 178-9, *rep.*
- dark and pale (striped) (Meyer) 10, 443, *rep.*
- denervated, formation of motor end plates, rat (Shukla & Aitken) 97, 152-3, *P.*

- deposits in, in pig (striped) (Virchow) 1, 159, *rep.*
- development (striped) (Eckhard, Braidwood) 1, 362, *rep.*; (Fox, Wilson, reported by William Turner) 1, 357
- histology (striped) (Braidwood) 1, 157-8, *rep.*
- in human foetus (Hewer) 62, 72-8
- devitalized, cartilage induction by, rabbit (Bridges & Pritchard) 91, 589, *P.*
- discs, demonstration (striped) (Stirling) 24, 606
- effect of veratria on (striped) (von Bezold) 1, 361, *rep.*
- elasticity of (Fisk) 6, 239, *rep.*; (Blix) 9, 443, *rep.*
- relation to activity in (Volkmann) 7, 357, *rep.*
- electrical activity of (Reymond) 2, 417, *rep.*; (Herrmann) 4, 329-30, *rep. (frog)*; (Munk) 4, 330, *rep. (frog)*; (Bernheim) 8, 213, *rep.*
- see also* Muscles, stimulation
- unstripped (Onimus) 2, 407-8, *rep.*
- electromotor appearances, causes (Hermann) 5, 218, *rep.*
- power of, and in nerves (Hermann) 6, 240-1, *rep.*
- properties in, embryonic (Valentin) 6, 223, *rep. (chick)*
- chemical explanation of, and nerve (Hermann) 3, 234-6, *rep.*
- and tetanus power of (striped) (Röber) 5, 405, *rep. (frog)*
- emetics, action on (striped) (Harnack) 10, 652-3, *rep. (dog, frog, rabbit)*
- energy source (striped) (Flint) 12, 91-141 (errata note, page 368)
- equilibrium, for conditions stimulated and non-stimulated (Fuchs) 8, 213, *rep.*
- excitability of, *see* Excitability
- exhaustion in (Volkmann) 5, 218, *rep.*
- see also* Muscles, fatigue
- extensibility (striped) (Brodie) 29, 367-89
- and fat and bone, in limbs, quantitative interrelationships, radiology (Tanner, Healy & Whitehouse) 93, 563, *P.*
- fatigue (Volkmann) 5, 405, *rep.*
- laws (Kronecker) 6, 241, *rep.*
- and recovery (striped) (Kronecker) 8, 210-13, *rep.*
- see also* Muscles, exhaustion
- foetal, nerve supply, motor (Weddell & Posener) 73, 671, *P. (t.o.)*
- gait, section causing variation of, rabbit (Stewart) 72, 101-8
- glycogen content of, after denervation and arterial ligation (striped) (Chandelon) 11, 563, *rep. (rabbit)*
- growth (Haines) 66, 578-85
- longitudinal, rabbits (Crawford) 87, 436, *P.*
- growth, postnatal (striped) (Meek) 33, 596-608 (*field vole, cat, sheep, rat*); 33, 213, *abs.*
- haemoglobin in (Lankester) 6, 241, *rep. (gasteropods)*
- heat production and physical properties (striped) (Adamkiewicz) 9, 245, *rep.*
- homology (Macalister) 3, 197, *rep.*
- nerve-supply in relation to (Cunningham) 16, 1-9
- in evaluation of, and anomalies (Cunningham) 25, 31-40
- innervation, and the myenteric plexuses, electron microscopy (unstripped) (Richardson) 91, 608, *P.*
- chick (Shehata & Bowden) 95, 601, *P.*
- lizard (Tiegs) 66, 300-22
- motor, pattern (striped) (Feindel, Hinshaw & Weddell) 86, 35-48 (*mammal*)
- pattern, in striped muscle (Feinstein) 80, 218, *P.*
- intramuscular pattern (striped) (von Bardeleben & Frohse) 31, xxxiv (*t.o.*)
- ratios in (Tergast) 7, 329, *rep.*

Subject Index

Muscle(s), (cont.)

irritability of, in relation to blood supply (striped) (Schmoulewitsch) 13, 258, *abs. (expt.)*
 researches on, and relations which exist between muscle, nerve and blood (Norris) 1, 219-36
 and joint actions (Henke) 3, 449, *rep.*
 laws of physics of (Preyer) 8, 423 (Luchsinger) 8, 423, *rep.*
see also Muscles, fatigue
 load, functional, composition of motor nerve after increasing (Wedeles) 83, 57, *P.*
 lymphatic system with relation to (Thin) 9, 193-7, *rep.*
 maintenance, in health and in phthisis (Marcet) 7, 357, *rep.*
 membrane relationships, electron-microscopy (Evans, D. H. L. & Evans, E. M.) 98, 37-46 (*chick*)
 metabolism of (Hermann) 2, 179, *rep.*; (Parkes) 1, 362, *rep.*
 movements, *see* Muscles, action; Movements, muscular
 'myophysical' researches (Preyer) 7, 357, *rep.*
 of negro (Bryce) 31, 607-15; 31, xxxvi, *P. (male)*
 variations (Turner) 14, 244-8
 nerve-endings in (Kulchitsky) 59, 1-17 (*frog*)
 (striped) (Arndt) 8, 161-2, *rep.*
 nerve implants (striped) (Aitken) 84, 38-49; 84, 65, *P.*
 nerve supply (striped) (Woollard) 61, 498-9, *P.*
 constancy (Wheeler Haines) 70, 33-55 (*comparative*)
 autonomic, and distribution of cholinesterase activity in (unstriped) (Cauna & Naik) 95, 602-3, *P. (mammals inc. man)*
 intramuscular pattern (von Bardeleben & Frohse) 31, xxxiv, *P. (t.o.)*
 lizard (*Egernia cunninghamii*) (Tiegs) 66, 300-22
 nerves, vasomotor (striped) (Gaskell) 11, 720-53 (*frog*)
 nitrogen content of (Schenk) 7, 357, *rep.*
see also Muscles, chemistry
 nitrogen elimination during rest and exercise (striped) (Parkes) 2, 181-2
 oscillation, negative (Lamansky) 5, 218, *rep.*
 physiology (Holmgren) 4, 335, *n.*
Handbuch der Biologischen Arbeitsmethoden (Abderhalden) Abt. 5, Teil 5A, Heft 2, Methoden der Muskel- und Nervenphysiologie, 1936. 59, 446-7, *rev.*
see also Posture
 power, measurement (Fick) 7, 357, *rep.*
 source (striped) (Fick & Wislicenus) 1, 158, *rep.*; (Frankland) 1, 158-9, *rep.*; (Matteucci) 1, 159, *rep.*; (Nawrocki) 1, 159, *rep.*; (Luchsinger) 6, 239, *rep.*
 post-mortem, rigor mortis (Michelson) 8, 213, *rep.*
see also Muscles, contractivity
 regeneration, electron microscopy (Allbrook) 96, 137-52 (*mouse, rabbit*)
 after ischaemia (Le Gros Clark & Blomfield) 79, 15-32
 experimental (Le Gros Clark) 80, 233, *P.*
 mammalian (Le Gros Clark) 80, 24-36
 suckling mice (Aumonier) 87, 453, *P.*
 re-innervation, by fibres, sensory nerve (Gutmann) 79, 1-8
 after atrophy, various periods, rabbit leg (Gutmann & Young) 78, 15-43; 80, 218-19, *P.*
 after acute ischaemia (striped) (Allbrook & Aitken) 85, 376-90 (*rabbit*); 85, 412, *P.*
 relation between material metamorphosis and tension (Megetiet & Hepner) 5, 406, *rep.*
 rigidity, induced by heat, cold and excision (Hermann & Walker) 6, 239, *rep.*

shortening of (Englemann) 8, 214, *rep.*; reply to Englemann (Hermann) 8, 423, *rep.*
 shunt and spurt, electromyography (Basmajian) 93, 551-3
 size, and their tendons, relationship between, adult rabbit (Elliott & Crawford) 97, 139, *P.*
 spectroscopy (striped) (Ranvier) 9, 390, *rep.*
 spurt and shunt, electromyography (Basmajian) 93, 551-3
 stimulation, in tortoise and crustacea (striped) (Marey) 1, 361, *rep.*
 blood flow during (striped) (Gaskell) 11, 360-402 (*dog*)
 electrical action of current in different directions (Bernheim) 8, 400, *rep.*
 galvanic (striped) (Aeby) 3, 217, *rep.*; (Romanes) 10, 707-34 (*frog*)
 unstriped (Cooke) 24, 195-209
see also Muscles, electricity
 structure (striped) (Mitrā) 2, 167, *rep.*; (Wagener) 8, 161, *rep.*
 minute (Jones) 63, 168-70, *P.*
 unstriped (Schwalbe) 3, 449, *rep.*
 temperature, in extension (Steiner) 11, 568, *rep.*
 tension relationships, in *Galago senegalensis* (Hall-Craggs) 100, 699-700, *P. (dem.)*
 tetanisation (Valentin) 10, 652, *rep.*
 tetanus and electromotor power (striped) (Röber) 5, 405, *rep. (frog)*
 tone (striped) (Sustschinsky) 6, 239, *rep. (frog)*
 variations, *Traité des variations de système musculaire de l'homme, et leur signification au point de vue de l'anthropologie zoologique* (Le Double) 1897. 32, 608-11, *rev.*
Muskeln und periphere nerven der Primaten, mit besonderer Berücksichtigung ihrer Anomalien (Kohlbrugge) 1897. 32, 608, 611-12, *rev.*
 (Wood & Macalister) 1, 357, *rep.*; (Wood) 2, 166, *rep.*; (Wood, Bradley) 3, 197-8, *rep.*; (Bankart, Pye-Smith, Phillips) 3, 448, *rep.*; (Pye-Smith, Howse, Davies-Colley) 5, 376, *rep.*; (Gruber) 6, 441-2, *rep.*
 catalogue (striped) (Macalister) 7, 168, *rep.*
 development in embryo (Jones) 99, 949, *P.A.S.A.N.Z.*
 variations in origin and insertion, evolutionary significance of (striped) (Dobson) 19, 16-23 (*marsupials & mammals*)
 and their relation to comparative anatomy (striped) (Wood) 1, 44-59
 in insane, arteries and (Carver) 3, 257-61
see also under individual names of muscles
 vascular patterns in intrinsic (Blomfield) 80, 232, *P.*
 mammalian (striped) (Barlow, Walder & Haigh) 92, 640, *P.*
 and vitamin C deficiency, partial and total studied with bone, guinea-pigs (Murray & Kodicek) 83, 158-74; 83, 205-23; 83, 285-95
 walking, *see* Walking
 and Yoga exercises (Grieve & MacDougall) 88, 585, *P.*

Muscles, named,
 abductor, and adductor, laryngeal, weights (Withington) 94, 453, *P.*
 variation, digiti minimi (Patten) 66, 150, *P.*
 accessory, origin of from fascia of forearm, 1 case (Smith) 29, 84-98 (93-4)
 ossis metatarsi quinti (Bradley) 6, 421 (*man*)
 pollicis, absence (Hall) 37, 387-9
 attachments and functions (Napier) 86, 335-41
 pollicis longus (Curnow) 10, 595

Subject Index

Muscles, named (cont.)

acromio-trachelian, *see* Muscle, str, levator claviculae
adductor and abductor, laryngeal, weights (Withington) 94, 453, P.

identification in thigh in mammals (Appleton) 59, 32-3, S.P.

variations brevis, with seven other anomalies in the same limb (Ochiltree) 47, 31-4

hallucis, with seven other anomalies in the same limb (Ochiltree) 47, 31-4

and adductor pollicis (Hepburn) 27, 408-10

longus, irregularity in nerve supply and origin (Thomson) 19, 328-32

nerve supply from accessory obturator and femoral nerves (Thomson) 19, 328-32

magnus (Parsons) 26, x-xiii, P. (*agouti*)

minimus, with seven other anomalies in the same limb (Ochiltree) 47, 31-4

pollicis and adductor hallucis (Hepburn) 27, 408-10

anal, adaptations (Wendell-Smith) 97, 489, P.A.S.A.N.Z. (*primate*)

arteriolar, and vesiculated axons, relationship, pancreas (Lever *et al.*) 99, 299-313 (*guinea-pig*)

articularis genu, and subanconeus (Kulaewsky) 4, 301, *rep.*

biceps, variations (Curnow) 7, 306; (Gruber) 7, 168, *rep.*

(brachii), variations (Rolleston) 21, 328-30

aponeurotic origin of (1 case) (Smith) 29, 84-98 (94)

long head, absence, effect on intertubercular sulcus (Meyer) 48, 133

humeral origin of (Windle) 21, 336, *anat. not.*

biceps, quadricipital (Shah & Shah) 80, 54, *anat. not.*

cruris, *see* Muscles, biceps femoris

femoris, action (Paterson) 51, 362-3; 51, 12, P. (December 1916)

insertion (Sneath) 89, 550-3

morphology of femoral head (Windle & Parsons) 34, v-ix, November 1899 (*edentata, marsupial, carnivore, primate*)

femoral head, peculiar relation to lateral popliteal nerve (Aasar) 72, 305, *anat. not.*

of orang (Bolk) 33, 351 (*ref. only*)

variations, heads, complete separation of, 1 case (Hepburn) 27, 282-4

3rd head of (Halliburton) 15, 296-9, *anat. not.*; (Turner) 19, 333-4

flexor cruris, *see* M. striped, biceps femoris

brachialis, common errors in description of (Macalister) 22, ii, P.

variations (Rolleston) 21, 328-30

anterior, insertion, addition to annular ligament (Thomson) 19, 328-32

triple nerve supply from median, musculocutaneous and radial nerves, 1 case (Smith) 29, 84-98 (94)

brachioradialis, variations (Cave) 66, 136-7, P.

hyperplastic, 44, 206, *anat. not.*

minor (Rolleston) 21, 328-30

brachio-oesophageus (Cunningham) 10, 320-3

dexter (Gruber) 4, 301, *rep.*

bulbocavernosus, in women (Symington) 23, ii, P.

caninus, morphology, comparative (Lightoller) 74, 397-402

cervico-costo-humeralis (Gruber) 1 specimen (Appleton & Ghey) 63, 434-6; 64, 109, P.

morphology (Appleton) 63, 437-46

cervico-humeralis, 1 case (Ransom) 19, 508-9

chondro-coracoideus ventralis, *see* Muscle, var. pectoralis minor

chondro-epitrochlearis, 1 specimen (Knott) 15, 139-40; (Bryce) 34, 75-8; (Fitzgerald) 70, 273-4; (Griffith) 33, 501-2, *anat. not.*

bilateral (Thompson) 71, 130, *anat. not.*

with absence of sternal and part of clavicular heads of pectoralis major (Griffiths) 36, 387-8

phylogenetic significance, and its accompanying pectoral abnormalities, 1 subject (Landry) 92, 57-61

chondroscapular, 2 cases (Shepherd) 15, 294, *anat. not.*

ciliary (Lawson) 4, 160, *rep. (birds)*; (Schulze) 2, 399-400, *rep.*; (Flemming) 3, 455, *rep. (domestic mammals)*; (Wende) 5, 195, *rep.*; ciliary (Lee) 3, 14-23 (*fish, bird, cat*)

action of eserine sulphate on (Reich) 11, 548, *rep.*

function of (Warlomont & Nuel) 10, 634, *rep.*

in myopia and hypermetropia (Iwanoff) 4, 305, *rep.*

parasympathetic nerve to (Warwick) 86, 492, P.

circular, of small intestine, innervation (Pei-Lin Li) 74, 348-59 (*cat, dog, rabbit, guinea-pig*)

cleido-hyoideus (Gruber) 7, 327-8, *rep.*

cleido-mastoideus (Bradley) 6, 420, *rep.*

cleido-occipitalis (Bradley) 6, 420; (Curnow) 8, 377

constrictor, of branchial arches, *Acanthias blainvillii* (Allis) 54, 222-31

of pharynx, superior, arrangement (Whillis) 64, 123, P.

action and of palate (Round) 68, 145, P. (*t.o.*)

and of the palate, in relation to cleft palate (Whillis) 65, 92-5

pupillae (Merkel) 2, 399, *rep.*

and membrane, amnion nictitating, relationships, electron microscopy (Evans, D. H. L. & Evans, E. M.) 98, 37-46 (*chick*)

coracobrachialis, variations (Curnow) 7, 306; (Auvray) 33, 351 (*ref. only*)

and relation to comparative anatomy (Wood) 1, 44-55

coraco-branchiales and cucullaris, development in *Scyllium canicula* (Edgeworth) 60, 298-308

coraco-clavicular sternalis (Lane) 21, 673-4

costalis (Walmsley) 50, 165-71

costo-coracoideus supernumerarius (Gruber) 7, 168, *rep.*

cranial, *The cranial muscles of vertebrates* (Edgeworth) 1935, 70, 587, *rev.*

of *Tatusia novemcincta* and *Manis javanica* (Edgeworth) 57, 313-35

cremaster, development (Butler & Backhouse) 89, 580, P. (*comparative*)

of canal, inguinal posterior wall (Blunt) 85, 420-1, P.

crico-arytenoid, posterior, action (Negus) 84, 68, P.

crico-hyoid (Curnow) 8, 378-9

cricothyroid, nerve to passing through thyroid cartilage (Macalister) 37, xxxix, P. (*t.o.*)

action of (Jelenffy) 7, 328, *rep.*

cucullaris and coraco-branchiales, development in *Scyllium canicula* (Edgeworth) 60, 298-308

curvator coccygis, in man (Watson) 14, 407-12

deltoid, absence of middle portion (Gruber) 6, 441-2, *rep.*

depressor thyroideae (Bradley) 6, 420

diaphragm, absorption from, under various conditions (Rajewsky) 11, 200-1, *rep. (man, post mortem)*

activity during respiration and in infants, while crying (Davis & Moore) 97, 153, P.

Muscles, named, diaphragm (*cont.*)

- after section of phrenic nerves (Alyschewsky) 9, 425, *rep.*
 blood supply (Beck & Baxter) 94, 224-30 (*rat*); 93, 567, *P.*
 and function of coelom (Jones) 47, 282-318
 innervation, cats (Wilson) 97, 482-3, *P.A.S.A.N.Z.*
 nature of, considered with pleural cavities, mammalian (Keith) 39, 243-84
 in *Pipistrellus*, development (de Beer) 72, 154, *P.*
 position, determination and estimation of viscerotaxis (Keith) 42, 26-9
 position, effect of posture (Barclay) 72, 160-1, *P.*
 and respiratory physiology (Halls Dally) 43, 93-114; 43, vii (March 1908) (*t.o.*)
 and xiphisternal joint, level, in living subject (Appleton) 72, 317-18, *P.*
 x-rays in various postures during inspiration and expiration (Lockhart) 71, 160, *P. (dem.)*
 variations, congenital defect, lamb (Meyer) 48, 166
 development, two anomalies, two cases (Guinane) 59, 83-6
 defective and stenosis of anal canal, 1 case (Fisk & Potter) 53, 26-31
 malformation, in dog (Barry & Donegan) 58, 266-7
digastric, of *Phalanger orientalis* and *Maculatus* (Edgeworth) 71, 315-16
 variations (Bradley) 6, 420
 additional (Perrin) 5, 251-6 (*man, comparative*)
 anterior belly, arising from the lower border of the horizontal ramus of the inferior maxillary bone (Reid) 21, 78
 accessory, posterior, belly (Lee & White) 26, v
 deep head (Curnow) 8, 379
dilator pupillae (Gruenhausen) 1, 356, *rep.*; (Merkel) 2, 399, *rep.*; (Dogiel) 4, 305, *rep. (mammals including man, and birds)*
 variations, absence, 40, 298, *rep.*
epitrochleo-anconeus (Gruber) 2, 166, *rep. (mammalia)*
 or anconeus sextus, note on (Galton) 9, 169-75 (*mammals, including man*)
erectores spinae, function in flexion of trunk (Floyd & Silver) 85, 433, *P.*
 electromyography (Floyd & Silver) 86, 484, *P.*
extensors, excitability (Rollet) 10, 219, *rep.*
 mechanism of (Schlagdenhauffen) 7, 169, *rep.*
 and flexor of fore-arm and leg (Humphry) 3, 320-34 (*human and comparative*)
 cruropedal, especially primates (Lewis) 100, 865
 deep, fingers and thumb, rare arrangement (Dickson) 67, 199-200, *P.*
 deep, *see also* Muscles, extensor indicis, pollicis brevis and longus
 digitorum brevis with reference to anatomy of dorsum of the hand (Smith) 31, 45-58; 31, xii-xiii, *P.*
 of forearm, in tetrapods (Wheeler Haines) 73, 211-33
 pollicis, 118/131 cases (Committee of Collective Investigation) 33, 189-92
 longus, nutrition, man (Davies) 74, 559, *P. (dem. only)*; 74, 554, *P. (t.o.)*
 variations, annularis (Curnow) 7, 307, *rep.*
 carpi radialis (Curnow) 7, 306-7; accessorius (Curnow) 10, 599-600; (Curnow) 10, 598-9; intermedius (Curnow) 10, 599; longus (Curnow) 10, 598
 brevis, insertion (Eccles) 28, 66
 longus, insertion by 3 tendons (Anderson) 14, 357-9
 carpi ulnaris (Curnow) 7, 307; (Curnow) 10, 600; absence of (Turner) 19, 333-4, *anat. not.*
 digiti medii (Curnow) 10, 596-7 (*man*)
 minimi (Curnow) 10, 597; 1 case (Bryce) 32, xxxix-xi, *P.*
 quarti vel annularis (Curnow) 10, 597 (*man*)
 secularis pedis longus (Gruber) 10, 443, *rep.*
 digitorum brevis manus (Curnow) 10, 598; communis (Curnow) 10, 597-8 (*man*); (Withers) 24, xix, *P.*
 communis manus, 4 cases (Gruber) 10, 443, *rep.*
 longus pedis (1 case) (Gruber) 10, 443, *rep.*
 hallucis longus (Bruhl) 7, 328, *rep.*
 indicis (Curnow) 10, 596-7; (Patten) 59, 19, *S.P.*
 absence of, 1 case (Smith) 27, xxiv, *P.*
 insertion by 3 tendons (Anderson) 14, 357-9
 pollicis brevis (Curnow) 10, 596 (*man*)
 absence of (Parsons) 29, ii, *P.*
 longus (Curnow) 10, 596
 double (extensor secundi internodii pollicis) (Bradley) 6, 421 (*man*)
 thumb, 118/131 cases (Committee of Collective Investigation) 33, 189-92
extra-ocular, and labyrinth receptors, *Die Rolle der einzelnen Labyrinthrezeptoren bei der Orientation von Augen und Kopf im Raume* (Szentágothai) 1952. 86, 468, *rev.*
 nucleus oculomotor representation (Warwick) 85, 425, *P. (monkey)*
extrinsic, ocular, innervation (Woollard) 65, 215-23
flexor, excitability (Rollet) 10, 219, *rep.*
 homologies of, of vertebrate limbs (Macalister) 2, 283-9 (*animals*)
 digitorum (hand) comparative study of (Windle) 24, 72-84
 brevis of foot, of South African negro (Wells) 86, 486, *P.*
 profundus, insertions (Wilkinson) 86, 480, *P.*
 and of flexor pollicis longus (Wilkinson) 87, 75-88
 tendons (Martin) 92, 602-15
 pollicis brevis, ulnar head of (Brooks) 20, 645-61
 nerve supply (Brooks) 20, 641-4
 longus, insertions (Wilkinson) 86, 480, *P.*
 insertions, and of flexor digitorum profundus (Wilkinson) 87, 75-88
 sublimis, insertions (Wilkinson) 86, 480, *P.*
 digitorum (Patten) 59, 19-20, *S.P.*
 variations, accessorius, comparative morphology, and of associated long flexor tendons (Lewis) 96, 321-33
 absent (Thane) 25, xiii-xv, *P. (1 specimen)*
 anomalous insertions (Hepburn) 30, 574
 carpi radialis (Gruber) 7, 168, *rep.*
 absent, 1 case (Dwight) 22, 96-102
 relation to comparative anatomy (Wood) 1, 44-59
 brevis (Zaaijer) 4, 154, *rep.*
 vel profundus (Carleton) 69, 292-3, *anat. not.*
 carpi ulnaris (Curnow) 7, 306
 digiti minimi brevis (Patten) 59, 19, *S.P.*
 and flexor pollicis brevis, anomaly (Wood) 63, 155, *P.*
 digitorum accessorius (Bradley) 6, 421 (*man*)
 brevis, absent tendon to fifth digit, bilateral (Hepburn) 30, 574
 calcaneo-cuneiform slip, 1 case (Anderson) 14, 357-9
 supplementary lumbricals (Pösch) 63, 280-1, *anat. not.*

Subject Index

Muscles, named, flexor, variations, digitorum (cont.)

- longus* (Gies) 3, 197, *rep.*
 innervation (Brooks) 21, 575-85
 lower limb, anomaly (Barlow) 83, 224-6
 tendon, course of (White) 18, 118-19, *anat.*
not.
 tendon to hallux, 1 case (Struthers) 27, iv
 profundus of hand and foot of primates
 (Keith) 28, 335-9; 28, xii, *P.*
 profundus, var. of innervation of (Brooks) 21,
 575-85
 tendon to thumb, 1 case (Smith) 29, 84-98
 (94-5), *P.*
sublimis (Curnow) 7, 306
 anomaly (Chowdhary) 85, 100-1, *anat. not.*;
 (Mainland) 62, 86-9
 hallucis longus, absence of slip to flexor
 digitorum longus, 1 case (Struthers) 27, iv
pollicis brevis, superficial head (Hall) 37, 387-9
 two heads of (Day & Napier) 95, 123-30
 flexor digiti minimi brevis, anomaly (Wood)
 63, 155, *P.*
longus (Gruber) 10, 443, *rep.*
gastrocnemius + *soleus*, see Muscles, str. triceps
 surae
gemellus, inferior and superior, and quadratus
 femoris, absence (1 case) (Turner) 18, 463,
anat. not.
 variation, superior, double nerve supply of, 1 case
 (Smith) 29, 84-98
gluteus minimus, see *M. scansorius*
gracilis and *sartorius*, quantitative observations,
 rhesus monkey (Bowden) 85, 415, *P.*
 and *semitendinosus*, insertions, morphology
 (Parsons) 38, ii-iii, *P.*
 of *hallux* and *pollex*, with special reference to
 opponens hallucis (Brooks) 22, 78-95; dis-
 cussion, 22, ii-iii, *P. (anthropoid ape)*
hamstring, origins (Martin) 99, 206, *P.*
hyo-epiglottic (Sutton) 23, 256-62, 23, ix, *P.*
hyoid, of larvae of *Xenopus laevis* (Edgeworth) 64,
 184-8
hypobranchial and *laryngeal*, development, amph-
 ibia (Edgeworth) 54, 125-62
hypothernar, derivation (Frazer) 42, 326-34, 43, iii,
P. (July 1907) (*to*)
 derivation (Frazer) 43, iii (July 1907) (*to*)
 morphology (Frazer) 40, xvii (*to*)
iliacus, bicipital origin of (Hepburn) 30, 572-3
infraclavicularis, variation (Huntingdon) 39, i-
 54
interclavicularis, 1 case (Lane) 20, 544-5, *anat. not.*
anticus digasticus, 1 case (Dwight) 22, 96-102
intercostales, action (Humphry) 7, 348, *rep.*;
 (Onimus) 8, 203, *rep.* (Volkmann) 11, 558,
rep. (Rutherford) 10, 608-10
 postmortem experiments (Keen) 10, 443-4, *rep.*
 (man)
 on the Hutchinsonian theory of the action of
 (Cleland) 1, 209-16
interosseous, *A revised description of the dorsal interos-
 seous muscles of the human hand* (Hepburn)
 1896 31, 165-6, *rev.*
 hand, 30 specimens (Salisbury) 71, 395-403
 and *lumbrical* actions (Whillis & Channell) 83,
 60, *P.*
 dorsal, first, variation (Griffith) 31, 283-7; 31,
 xii-1
 of hand, 2nd, a third head (von Brunn) 8, 161,
rep.

- origin, and tendon found in association with
 insertion of peroneus longus (Lamont) 42, 236
 dorsal, first, of foot, origin, man (Harbeson) 68,
 116-18, *anat. not.*
 origin from tendon of peroneus longus
 (Harbeson) 72, 463-4, *anat. not.*
 variation, with seven other anomalies in the
 same limb (Ochultree) 47, 31-4
 1st and 2nd, double nerve supply to (Hep-
 burn) 30, 579
 plantar, variation, with seven other anomalies in
 the same limb (Ochultree) 47, 31-4
intertransverse, morphology (Lickley) 39, 90-8
 cervical, morphology and innervation (Cave) 71,
 497-515
ischio-aponeuroticus, see *M. tensor fasciae suralis*
kerato-cricoideus (Bradley) 6, 420
kerato-thyrohyoid, in man (Shattock) 17, 124-5
lamellibranch, fibres, electron microscope study
 (Bowden) 90, 594-5, *P.*
laryngeal and *hypobranchial*, development, amphibia
 (Edgeworth) 54, 125-62
 reflex regulating mechanism in (Wyke & Encin)
 100, 926, *P. (cat)*
Sauropsida (Edgeworth) 54, 79-89
spindles, neuromuscular in (Lucas Keene) 95, 25-9
 variation (Wells & Thomas) 61, 340-3 (1 *subject*)
latissimus dorsi, action, bilateral, in hemiplegia
 (Beever) 33, 351-2, *anat. not.*
 variations (Curnow) 7, 305
 1 case (Jones) 99, 949, *P.A.S.A.N.Z.*
 insertions, 4, 153-4, *rep.*
 slip to coracoid process (Hepburn) 30, 570
 and *teres major*, conjoined into capsule of
 shoulder joint (Meek) 49, 376-7
laxator tympani (Walls) 80, 210, *anat. not.*
levator ani, functions of (Budge) 10, 654, *rep.*
 morphology, in ungulates (Thompson) 33, 423-33;
 33, vi, *P. (to)*
 and pelvic fasciae, relations (Thompson) 35, 217-41
levator claviculae, variations (2 specimens) (Knott)
 15, 139-40, (Flemming) 31, xxxi-ii; (Fawcett)
 31, xxix; (Brown) 14, 512-13 (*chimpanzee and
 man*), (Harris) 35, iii, *P.*; (Shaw) 35, xvi, *P.*
 absent (Shepherd) 24, 69-71 (1 *case*)
 with persistent thymus and other abnormalities
 (Fawcett) 32, xlv
levator, costarum, nerve supply (Morrison) 88, 19-
 24 (*guinea-pig, rat, dog, cat*); 86, 496-7, *P.*
 primae, bilateral, 1 case (Brown) 14, 512-13
glandulae thyroideae (Lee & White) 26, v, *P.*
palati, origin, attachment (Rohan & Turner) 90,
 153-4, 88, 584, *P.*
palpebrae superiores, ligamentous check to
 action (Whitnall) 45, 131-9
lumbricales, hand, functions, study, electromyo-
 graphic and electrical stimulation (Backhouse
 & Catton) 88, 133-41; 86, 484, *P.*
 and *interosseous* (hand) actions (Whillis &
 Channell) 83, 60, *P.*
 variations (Russell & Sunderland) 72, 306-7,
anat. not.
 accessory, arising from flexor digitorum sub-
 limis in mid-forearm (Smith) 29, 84-98 (94)
 supernumerary (Windle) 21, 336, *anat. not.*
 and foot, var. in innervation (Brooks) 21, 575-85
 first, supernumerary (Lane) 21, 674
 double nerve-supply of (Wilson) 24, 22-6
 (2 *cases*)
 third, insertion into ulnar border of common
 extensor tendon of middle finger (Hepburn)
 30, 570-1

Subject Index

- Muscles, named, lumbricales, variations** (*cont.*)
 fourth, origin from flexor digitorum sublimis, 1 case (Shepherd) 15, 294, *anat. not.*
 of foot, absence of 2nd, 3rd and 4th, bilateral (Hepburn) 30, 574
 second, absence, with seven other anomalies in same limb (Ochiltree) 47, 31-4
- mandibulo-auricularis**, innervation (Adams, Wheeler & Edgeworth) 63, 242-52
- masseter**, attachments (MacDougall) 87, 460, *P.*
 electromyography (MacDougall & Andrew) 87, 37-45; 86, 495, *P.*
 and temporalis, in mastication (Greenfield & Wyke) 89, 578, *P.*
- masticatory**, of larvae of *Xenopus laevis* (Edgeworth) 64, 184-8
- mentalis**, action, in distress (Lightoller) 62, 319-32
- mylohyoid**, variations, 4 cases (Malpas) 61, 64-7
 mylopharyngeus variations (Anderson) 14, 357-9
- obliquus** (eyeball) supernumerary, of the ass (Strangeways) 2, 245-6
 superior, in mammals (Poole) 39, 154-160
 externus abdominis, variations, rudimentary (Gruber) 10, 443, *rep.*
 supernumerary (Gruber) 7, 328, *rep. (man)*
 internus abdominis, and conjoint tendon, immobility (Doran) 89, 578, *P.*
 variations, absence of inguinal portion (Gruber) 7, 328, *rep.*
- obturator**, internus, and pyriformis, insertions of and formation of posterior circular fibres of capsule of hip joint and upper retinaculum (Frazer) 38, 170-85
 tertius, ungulates (Parsons) 37, xli-ii, *P.*
- occipitohyoid**, variations (West) 8, 150-1; (Curnow) 8, 379
- ocular**, nerve supply, mammals (Dixon) 31, xxxviii, *P. (t.o.)*
 extrinsic, innervation (Tarkhan) 68, 293-313 (*cat*)
 nerve centres, localization in oculomotor nucleus (Abd-El-Malek) 72, 518-23 (*cat*)
- omo-cervicales**, and other muscular variations in, 1 subject (Patten) 69, 146-8, *P.*
- omohyoid** (Walmsley) 52, 319-25
 and clavicular attachment (Gegenbaur) 10, 442, *rep.*
 fascial relations (Cousin) 33, 351 (*ref. only*)
 variations (Bradley) 6, 420; (Curnow) 8, 378; (Taylor) 59, 331-2
 anterior belly tendinous, 1 specimen (Knott) 15, 139-40 (*man*)
 inferior belly (Koster) 4, 338, *n.*
 double (Windle) 21, 336, *anat. not.*
- omo-trachelian**, *see* Muscles, levator claviculae
 left, *see* M. omo-cervicalis
- opponens hallucis**, in relation to muscles of pollex and hallux, 22, 78-95; discussion, 22, ii-iii, *P.* (*anthropoid ape*)
- opponens pollicis**, absence (Hall) 37, 387-9
- orbicularis oculi** (Lesshaft) 3, 198, *rep.*
- palatopharyngeus**, arrangement (Whillis) 64, 123, *P.*
- palmaris longus**, in aquatic mammals (Backhouse) 92, 656-7, *P.*
 incidence of, in 305 subjects (Collective Investigation) 29, 36-43
 variations (Gruber) 7, 168, *rep.*
 absence (Gruber) 7, 168, *rep.*
 with reversed belly, forming accessory flexor muscle of little finger (Morrison) 50, 324-6
- panniculus carnosus**, superficial to trapezius (Perrin) 5, 241; (Turner) 5, 116-17
- papillary, anterior, left, anomaly of (Rolleston) 31, xxii, *P.*
 extending to base of valve (Symington) 27, iii, *P.*
- pectineus**, nerve-supply (Paterson) 26, 43-7
 variation, bilaminar, 1 case (Jamieson) 37, 266-86
 branch of obturator nerve to (Hepburn) 30, 577
 with seven other muscular anomalies in same limb (Ochiltree) 47, 31-4
 nerve supply (Jamieson) 37, 266-86
- pectoral**, in relation to panniculus carnosus, (Parsons) 26, x-xiii, *P.* (*guinea-pig, porcupine, agouti*)
 variations, 1 case (Clark) 49, 155-64; (Bryce) 34, 75-8
 absence, 25, 439-40; (Hagman) 27, 424, *rep.*; (Levy) 34, 418-19, *rep.*; (Geipel) 34, 422, *rep.*
 imperfect development, 44, 101, *rep.*
 supernumerary, morphology (Huntington) 39, 1-54
- pectoralis major**, insertion (Ashley) 83, 68, *P.*
 and minor with atrophy of serratus anterior (Zimmerman) 28, 376, *rep.*
 variations (Merkel) 2, 165, *rep.*; (Perrin) 5, 233-40 (*man, squirrel, bird*); (Ransom) 19, 508-9; (Pösch) 63, 280-1, *abs.*
 absence, 35, 508, *rep.*
 of left (Tweedy) 7, 327, *rep. (man)*
 and mammary gland, in father and son (Whyte) 39, 505, *rep.*
 partial congenital, with absence of pectoralis minor (Féré) 27, 424-5, *rep.*
 sternocostal head, bilateral, 37, 309, *rep.*
 sterno-costal portion, in living body (Smyth) 32, xxi-ii, *P.*
 of sternal head, 32, 790, *rep.*
 of thoracic portion, and whole pectoralis minor (Tweedy) 7, 327, *rep. (man)*
 unilateral, and of minor (Zielinski) 376, *rep.*
- pectoralis minor**, insertion (Yoffey) 61, 385
 bilateral capsular (Patten) 68, 427, *anat. not.*; 69, 132, *P. (disc. only)*
 clavicular (Taylor) 32, 218
 morphology (Lander) 52, 292-318; 51, 13-14, *P.* (December 1916)
 origin (Anson, Beaton & McDonald) 72, 629-30
 tendon, humeral extension (Maillard) 33, 351, (*ref. only*)
 variations (Bryce) 31, ii-v, *P.*; (Huntingdon) 39, 1-54
 absence in living body (Smyth) 32, xxi-ii
 congenital, with partial absence of pectoralis major (Féré) 27, 424-5, *rep.*
 and of thoracic portion of pectoralis major (Tweedy) 7, 327, *rep. (man)*
 unilateral, and of major (Zielinski) 28, 376, *rep.*
- pectoralis quartus** and achselbogen, homology and innervation of (Birmingham) 23, 206-23
- peroneal** variations (Curnow) 7, 307
- peroneus brevis**, variations (Pozzi) 7, 168, *rep.*
 anomalous insertion of in absence of peroneus tertius (Hepburn) 30, 573-4
- peroneus longus**, insertion, tendon found in association with and origin of first dorsal interosseus muscles (Lamont) 42, 236
- peroneus quartus**, 1 case (Smith) 29, 84-98
 v. sextus, 1 specimen (Knott) 15, 139-40 (*man*)
- peroneus tertius**, Chacma baboon (Wells) 69, 503-14
 origin (Jamieson) 36, xxiv
 variations, absence of, and anomalous insertion of peroneus brevis (Hepburn) 30, 573-4

Subject Index

Muscles, named (*cont.*)

- peroneo-calcaneus internus** (Thane) 25, xiii-xiv, *P.* (1 specimen); (Flemming) 31, xxxi-ii, *P.*; (Fawcett) 31, xxxii, *P.*
- pharyngeal**, variation (Chi) 72, 134-5, *anat. not.*
- pisi-annularis** (Windle) 21, 336, *anat. not.*
- pisi-uncinatus**, 1 case (Smith) 29, 84-98
- pisohamatus** (Gruber) 10, 443, *rep.*
- plantaris**, denervated, structural changes, and of soleus muscles, rat (Nassar) 100, 927, *P.*
- incidence of, in 342 subjects (Collective Investigation) 29, 36-43
- origin (Wood) 63, 155, *P.*
- variations (Anderson) 14, 357-9
- bicaudate (Gruber) 9, 390, *rep. (man)*
- platysma**, action (Dwight) 33, ix, *P. (f.o.)*
- hypertrophy (de Lima) 59, 108-12
- innervation in mammals (Adams, Wheeler & Edgeworth) 63, 242-52
- morphology, comparative, sphincter colli profundus and tracheloplatysma (Lightoller) 74, 390-6
- pleuro-oesophageus** (Cunningham) 10, 320-3
- popliteus** (Higgins) 29, 569-73; 29, xxxi, *P.*; (Jeffrey) 72, 149, *P. (disc. only)*
- popliteus, accessory head of (Wagstaffe) 6, 214-15
- homology and morphology (Gordon-Taylor & Bonney) 40, 34-50 (*comparative*); 39, xxxv-xxxvi, *P.*
- and meniscus, lateral (Last) 84, 62, *P.*
- morphology and homology (Gordon-Taylor & Bonney) 40, 34-50 (*comparative*); 39, xxxv-xxxvi, *P.*
- tibial groove for (Pasteau) 33, 351 (*ref. only*)
- variation, popliteus minor (Smith) 27, xxv-vi
- of posture, *see* Posture
- prae-clavicularis** (Huntingdon) 39, 1-54
- pronator(s)** of upper and lower fore and hind limbs in vertebrates (Macalister) 3, 335-40 (*animals*)
- quadratus, variations (Macalister) 5, 32-4
- upper, variations, 1 case (Pan) 69, 530-3, *anat. not.*
- teres**, coronoid portion of (Macalister, Alexander) 2, 8-12
- variation, quadricipital, 1 case (Shah & Shah) 80, 54, *anat. not.*
- head, third and separate (Barrett) 70, 577-8, *anat. not.*
- protractor arcus cruralis** (Gruber) 7, 328, *rep.*
- psoas**, variation (Curnow) 7, 307
- 1 case, with note on psoas in *Pinnepedia* (Clarkson & Rainy) 23, 504-6
- minor, frequency of, 187/457 cases, and nerve-supply, 108 cases (Collective Investigation) 27, 187-9
- pterygoid**, lateral (Wagstaffe) 5, 281-4 (*two cases, man*)
- tendon (Harpman & Woollard) 73, 112-15
- variations (Poland) 24, 567-72
- propius, 3 cases (Shepherd) 15, 293-4, *anat. not.*; 4 specimens (Knott) 15, 139-40
- puborectalis**, homologies (Wendell-Smith) 98, 489, *P.A.S.A.N.Z.*
- pubo-transversalis** (von Luschka) 5, 193, *rep.*
- pyramidalis**, incidence in 365 subjects (Collective Investigation) 29, 36-43
- pyriformis** and obturator internus, insertions of and formation of posterior fibres of capsule of the hip joint and upper retinaculum (Frazer) 38, 170-85
- quadriceps femoris**, anatomy (Williams) 13, 204-18
- variation, absence (Drachmann, trans. by Moore) 7, 310-11; (Bellamy) 9, 185-6 (1 case); (Knott) 15, 140, 1 case; (Stibbe) 64, 97, *anat. not.*; 64, 119, *P.*
- and of inferior and superior gemellus (Turner) 18, 463 (1 case) *anat. not.*
- quadratus labii superioris** innervation, pattern of, rabbit, cat, rat (Bowden & Mahran) 90, 217-27
- radialis internus brevis** (Gruber) 7, 168, *rep.*
- radio-carpus** (Anderson) 14, 357-9; (Knott) 15, 139 (1 case)
- radio-palmaris** (Kater) 36, 76
- recto-vaginal**, exhibition of specimen (Keith) 44, i (*dem.*)
- rectus abdominus et sternalis** of golden moles (*Chrysochloridae*) (Dobson) 17, 84-5
- transplantation, for urinary incontinence (Thompson) 60, 475, *P.*
- variations in frog (Mudge) 34, iv, November 1899
- sheath, unstriped muscle in lower half of (Curnow) 8, 379
- rectus arytenoideus** (von Luschka) 4, 301, *rep.*
- rectus externus** *see* Muscles rectus lateralis
- rectus capitis anticus medius** (1 case) (Walsham) 18, 461, *anat. not.*
- rectus capitis posticus major** (Parsons) 26, x-xiii, *P. (guinea-pig)*
- rectus femoris**, variation, third head of (Flemming) 31, xxxi-ii, *P.*
- rectus lateralis**, variation (Curnow) 7, 304
- rectus sternalis** (Bradley) 6, 421
- (rectus thoracicus superficialis) (Curnow) 8, 378-9
- rectus thoracicus profundus** *see* Muscles, supra-costalis
- rectus thoracis** (Turner) 4, 300, *rep.*; (Shepherd) 15, 294 (1 case) *anat. not.*
- in man and its relations to the mammalian rectus muscle (Turner) 2, 392-4, *rep.*
- retractor bulbi**, 1 case (Whitnall) 46, 36-40
- (oculi) in carnivora and ungulata (Bradley) 68, 65-74
- retractor clitoridis** and retractor penis of mammals, especially the ewe (Bassett) 95, 61-77
- retractor penis** and retractor clitoridis of mammals, especially the ewe (Bassett) 95, 61-77
- rhomboideus-occipitalis** (or capitis), bilateral and other variations in 1 subject (Patten) 69, 146-8, *P.*
- rotator**, lateral of hip, evolution of, and form of mammalian femur (Appleton) 59, 81-3, *S.P.*
- sacro-coccygeus anticus**, *see* Muscles, curvator coccygis
- saphenus**, 1 specimen (Tyrie) 28, 288-90
- sarcolemma**, demonstration (Stirling) 24, 606
- sartorius**, 2-headed (Brock) 13, 578
- growth (MacCallum) 33, 501, *anat. not.*
- and gracilis, quantitative observations, rhesus monkey (Bowden) 85, 415, *P.*
- scalenus** and sternomastoid, role in breathing, electromyography (Campbell) 89, 378-86
- and cervical rib, 3/260 subjects (Todd) 46, 244-88
- medius** (Nat) 58, 268-70
- origin (Cave) 67, 480-3, *anat. not.*
- variation, scalenus minimus, 1 case (Shore) 60, 418-19; (Stott) 62, 359-61, *anat. not.*
- presence, associated with abnormalities of sub-clavian artery (Boyd) 68, 280-1, *anat. not.*
- pleuralis (Fawcett) 30, 433-6
- scansorius**, presence on both sides, with seven other anomalies in the same limb (Ochiltree) 47, 31-4
- scapulo-clavicularis** (Gruber) 10, 443, *rep.*

Muscles, named (cont.)

- segmental**, of lamprey (*L. fluviatilis*) innervation and morphology (Peters & Mackay) 95, 288-9, P.
- semimembranosus**, attachments (Cave & Porteous) 92, 638, P.
- in presence of post-oblique ligament of knee joint (Smith) 27, xxv, P.
- variation, abnormal insertion (Hepburn) 30, 571-2
- semimembranous, complete bilateral absence of (Symington) 18, 461-2 (1 case), *anat. not.*; (Turner) 18, 463, *anat. not.* (1 case)
- semitendinosus** and **gracilis**, insertions, morphology (Parsons) 38, ii-iii, P.
- serratus anterior**, in respiration, electromyography (Catton & Gray) 85, 412, P.
- variation, accessory (Meyer) 48, 132
- atrophy of, with absence of pectoralis major and minor (Zimmerman) 28, 376, *rep.*
- Sibson's**, see Muscles, striped, scalenus pleuralis
- soleus**, denervated, structural changes and of plantaris muscles, rat (Nassar) 100, 927, P.
- structure (Reid) 52, 442-4
- variation, accessory (Flower) 65, 548-9; 65, 174, P.; (Windle) 21, 336, *anat. not.*
- somatic**, of trunk, origin, vertebrate, from study of ammocoetes (Gaskell) 37, 168-219
- spheno-maxillary** (Müller's) in human embryo and foetus (Boyd) 84, 72, P.
- sphincter ampullae**, intrinsic innervation, and of pancreatic ducts (Libman & Sutherland) 100, 441, P. (*monkey, cat, rat*)
- sphincter ani**, external, electromyographic study (Walls & Floyd) 87, 450, P.
- sphincter colli profundus** and trachelo-platysma, comparative study and morphology of platysma (Lightoller) 74, 390-6
- sphincter pupillae**, parasympathetic nerve to (Warwick) 86, 492, P.
- splenius colli**, 1 case (Shepherd) 15, 294, *anat. not.*
- sternalis** (Turner) 1, 246-53; (Bardeleben) 10, 442, *rep.*; (Cunningham) 18, 208-10; (Dwight) 22, 96-102 (7 cases); Le Double 26, 441, *rep.*; (Lambert) 29, 467, *rep.* (1 case); (Gilis) 29, 467, *rep.* (2 cases); (Hepburn) 30, 574-6 (1 case); (Christian) 33, 501 (2 cases) (*ref. only*); (Bryce) 34, 75-8 (1 case); (Huntingdon) 39, 1-54; (Kirk) 59, 192 (1 case); two (Patten) 69, 132, P. (*t.o.*)
- 17 out of 359 cases (Cunningham) 22, 391-407, discussion, 22, xiv-vi; in 3/6 anencephalous foetuses (Harper) 70, 317-20, *anat. not.*
- in *Bathyergus maritimus* (Parsons) 29, xi-xiii, P., discussion, 29, xiii-xiv, P.
- morphology (Parsons) 27, 505-7
- motor nerve supply of (Wallace) 21, 153-4, *anat. not.*
- nerve supply of (Lamont) 21, 514-15
- occurrence in human anencephalic monsters (Shepherd) 19, 311-19 (6 cases)
- right, with expanded fenestrated tendon (Patten) 68, 424-5, *anat. not.*
- right, narrow and spindle-shaped (Patten) 68, 426, *anat. not.*
- subclavius variation, and demonstration of one other case (Roughton) 24, xiv, P.
- sterno-clavicularis**, supra-costal and stylo-hyoid (Tait) 4, 236-8
- sterno-cleido-mastoid**, see Muscle(s), sterno-mastoid
- sterno-cleido occipitalis** (Bradley) 6, 420
- sternofascialis** (Gruber) 7, 328, *rep.*

- sternomastoid** and scalene, breathing, role in, electromyography (Campbell) 89, 378-86
- development and structure, man and rabbit (Mackenzie) 88, 584, P.
- electromyography (Causey & Slome) 88, 554, P.
- relation to carotid sheath and contents and spinal accessory nerve (Committee of Collective Investigation) 32, 177-83
- and trapezius, morphology (McKenzie) 89, 526-31
- variations (Knott) 15, 139-40
- duplicity (Gérard) 33, 501 (*ref. only*)
- sterno-petroso-pharyngeus**, 1 case (Rennie) 20, 356-8, *anat. not.*
- sternoscapula** (Curnow) 7, 305
- sternothyroid**, variations (Curnow) 8, 378 (*man*)
- stylo-auricularis** (Windle) 25, vii-viii, P.
- styloglossus**, variations, and stylohyoid, stylo-pharyngeus (Macalister) 5, 28-31
- variations, absent (Knott) 15, 139-40 (1 specimen)
- double (Knott) 15, 139-40 (2 specimens)
- sterno-clavicularis and supra-costal (Tait) 4, 236-8 (*man*)
- stylohyoideus alter et tertius** (Windle) 21, 336, *anat. not.*
- subanconeus**, and articularis genu (Kulaewsky) 4, 301, *rep.*
- sub-occipital**, in atlanto-occipital fusion (Hughes) 33, iv-v
- subscapularis** (Paterson) 46, 11
- bursal sac in substance of (Stibbe) 64, 98, *anat. not.*; 64, 119, P.
- subscapulo-humeralis** (Pan) 69, 530-3, *anat. not.*
- supraclavicularis** (Gruber) 7, 327-8, *rep.*; (Reid) 23, 353 (1 specimen)
- supraclavicularis propius** (Gruber) 36, 417-18
- supraclavicularis propius** of Gruber (Griffith) 31, xxiii-xxiv, P.
- supraclavicularis propius v. tensor fasciae colli** Gruber (Knott) 15, 139 (1 case)
- subclavius**, absence of (Crerar) 26, 554 (1 case)
- supinator longus, see Muscle brachio-radialis
- supracostalis** (Wood, Roberts & Bochdalek, Jun.) 2, 394, *rep.*; (Pye-Smith) 3, 196, *rep.*
- (rectus thoracicus profundus) (Curnow) 8, 378-9
- (rectus thoracis of Turner), sternoclavicularis and stylohyoid (Tait) 4, 236-8 (*man*)
- with persistent thymus and other abnormalities (Fawcett) 32, xlv
- supracostalis anterior**, 1 case (Keith) 28, 333-4; 28, xii, P.
- suspensory**, of duodenum, and crura of the diaphragm (Low) 42, 93-6
- temporalis**, electromyography (MacDougall & Andrew) 87, 37-45; 86, 495, P.
- and masseter, in mastication, electromyography (Greenfield & Wyke) 89, 578, P.
- tensor fasciae latae**, relations, fascial (Donovan & Osman Hill) 68, 150-1, P.
- tensor fasciae poplitealis** (Turner) 6, 442, *rep.*
- tensor fasciae suralis** (Turner) 6, 442, *rep.*; (Gruber) 7, 168, *rep.*; (Gruber) 7, 328, *rep.*; (Parsons) 54, 170; (Barry & Bothroyd) 58, 382-3 (1 specimen) (Patten) 69, 147-8, P. (1 subject)
- tensor fasciae transversalis** (Gruber) 7, 328, *rep.*
- tensor ligamenti cruciati cruris** (?) (Chi) 72, 132-3, *anat. not.*
- tensor palati**, action (Whillis) 71, 140-1, P.
- tensor plicae Douglasii**, 1 case (Meek) 49, 376-7
- tensor semivaginae articulationis humera-scapularis** (Gruber) 10, 443, *rep.*

Subject Index

Muscles, named (cont.)

- tensor of posterior layer of rectus sheath (Gruber) 7, 328, *rep.*
 semi-vaginae articulationis humero-scapularis (of Gruber) (Huntington) 39, 1-54
 tensor tympani, action of (Schapinger) 5, 401, *rep.*
 nerve supply of (Voltolini) 10, 634, *rep.*
 tenuissimus, 1 case (Green) 65, 266-71
 teres major (Cumow) 7, 305
 abnormalities, 1 case (Jones) 99, 949, *P.A.S.A.N.Z.*
 and latissimus dorsi, conjoined into capsule of shoulder joint 1 case (Meek) 49, 376-7
 teres minor, function (Greig) 59, 43-5, *S.P.*
 nerve to, pseudoganglion of (Gitlin) 91, 466-70
 thenar, variations, abnormal (Stibbe) 63, 162, *P. (t.o.)*
 absence, 1 hand (Hall) 37, 287-9; (Klippel & Rabaud) 39, 509-10, *rep.*
 bilateral (Brown) 14, 512-13 (1 case)
 thyro-arytenoid (Shattock) 16, 485
 superficialis (Sewell) 39, 301-7
 thyrohyoid, action (Buchanan) 3, 255-6
 tibialis, posterior, comparative anat. (Rosenfield) 33, 501 (*ref. only*)
 tibio-astragaleus anticus (Gruber) 7, 168, *rep.*
 trachealis (Stirling) 17, 204-6 (*man, cat, dog, rabbit, rat, pig*)
 longitudinal bands of smooth muscle in (Fisher) 97, 139-40, *P.*
see also Muscles, of regions, trachea
 trachelo-platysma and sphincter colli profundus, comparative study and morphology of platysma (Lightoller) 74, 390-6
 transversus abdominis, in relation to inguinal hernia (Douglas) 24, 220-6
 identification of aponeurosis and fascia (Hickey) 100, 936, *P.A.S.A.N.Z.*
 transversus nuchae (Knott) 15, 139-40 (2 cases); (Clarke) 23, xxiv
 transversus perinei, bilateral variation (Shepherd) 15, 295, *anat. not.*
 trapezius, action (Lockhart) 84, 406-7, *P.*
 development, and of sternomastoid (McKenzie) 94, 579, *P.*
 trapezius, ligamentous (Cleland) 5, 319-21
 and sternomastoid, morphology (McKenzie) 89, 526-31
 paralysis, and movement of the shoulder joint, X-rays (Lockhart) 64, 288-302
 variations, absence, bilateral, 1 case (Sheehan) 67, 180-1, *anat. not.*
see also M. cucullaris
 of Treitz, *see* Muscle, suspensory, of duodenum
 triceps brachii, variations, 4th head of (Blumenthal) 4, 154, *rep.*; (Gruber) 5, 376-7, *rep.*
 triceps surae, development (Jager & Moll) 85, 338-49
 fibre constitution, and of soleus (Walls) 87, 437, *P.*
 triticeoglossus (Bochdalek, Jun.) 1, 150, *rep.*
 vastus externus, *see* Muscle(s) vastus lateralis
 vastus internus, *see* Muscle(s) vastus medialis
 vastus lateralis, ossification in (de Lima) 47, 414-24
 variations, double (Dwight) 22, 96-102 (2 cases)
 vastus medialis, action (Levick) 67, 194-5, *P.*
- Muscles of organs and regions
 abdominal, in birds (Magnus) 4, 162, *rep.*
 variations, multiple abnormalities (Eckoff & Thompson) 59, 55-7, *S.P.*
 wall, anterior, electromyography (Floyd & Silver) 84, 132-45
 movement patterns (Floyd & Silver) 84, 75-6, *P.*

- variations, absence, 40, 299, *rep.*; (Gunn Roberts) 80, 243, *P.*
 congenital deficiency, 43, 121, *rep.*
 arches, axillary, innervation (Wilson) 47, 8-17; 24, 52-60 (6 cases)
 and homology (Wilson) 22, 294-9
 achselbogen and pectoralis quartus, homology and innervation of (Birmingham) 23, 206-23
 innervation and homology of (Wilson) 22, 294-9
 back, tail, trunk and pelvic regions, in alligator (Hair) 2, 26-41
 bladder and prostate (Pettigrew) 1, 150-1, *rep.*
 of, and urethra (Wood Jones) 36, li-lvi, *P.*
 of bronchi, extrapulmonary, arrangement (Towers) 87, 337-44; 87, 440, *P. (kitten)*
 of bronchial tubes and lung parenchyma (Rindfleisch) 6, 485, *rep.*
 calf, action, rabbit (Stewart) 71, 137, *P. (disc. only)*
 removal, effect on gait, rabbit (Stewart) 73, 617-25; 73, 668, *P. (disc. only)*
 cardiac, The distribution of the currents of action and of injury displayed by heart muscle and other excitable tissue (Wilson, Macleod & Barker) 1933, 68, 430, *rev.*
 action, theory (Chirone) 11, 568, *rep.*
 mode (Barrett) 18, 270-4
 of diphtheria toxin upon, frog (Sharp) 31, 199-201
 cellular, structure (Muir) 99, 27-46 (*rat, sheep, hen*); 91, 570, *P. (rabbit)*
 composition of (Salkowski) 7, 357, *rep.*
 development, post-natal, ultrastructural elements (Orkand) 98, 475, *P. (kitten)*
 (and skeletal) in foetal goat, histochemistry (Beckett & Bourne) 90, 576, *P.*
 contraction of ventricle (Marey) 1, 361, *rep.*
 effect of electric current on (Onimus) 2, 407-8, *rep.*
 electrical stimulation in varying conditions (Kronecker & Stirling) 9, 315-59 (*isolated heart of frog, tortoise*)
 fibres, glycerol-extracted and normal, structure and function, toad (*Bufo marinus*) (Merrilees & Naylor) 98, 484-5, *P.A.S.A.N.Z.*
 irritability of (Bowditch) 7, 182-4, *rep. (frog)*
 haemorrhages, effects of repeated haemorrhages (Perl) 8, 407, *rep. (dogs)*
 physiology, and on heart rupture (Flett) 62, 438-75
 regeneration (Harrison) 81, 365-6
 rabbit (Walls) 83, 66, *P.*
 in relation to valves and orifices of vessels, comparative (Morison) 59, 18, *S.P.*
 relations of coronary sinus, oblique vein of left atrium and left precaval vein (Coakley & Summerfield King) 93, 30-5 (*mammals including man*)
 structure, cellular, electron microscopy (Muir) 97, 642, *P.*
 vertebrate ventricle, muscular architecture (Shaner) 58, 59-70
 ventricular, intra-muscular innervation (Jones) 61, 247-60 (*cat*)
see also Fibre(s) muscle, cardiac
 of carpus, flexors and extensors, action, and association with flexors and extensors of fingers (Ashdowne) 39, vii-xiii
 of colon (Hamilton) 80, 230, *P.*
 ear, middle (Eschweiler) 33, 501 (*ref. only*)
 of eyelids, of *Carchariidae* and *Scyllium* (Ridewood) 33, 228-42; 33, iv, *P.*
see also Muscles, ocular

Subject Index

Muscles of organs and regions, (cont.)

- of regions, cervical, post-vertebrae variations (Curnow) 7, 304-5
- superficial (Young) 14, 289-91 (*Indian elephant*)
- of eyeball, model for demonstrating the action of (Birch) 22, 107-8
- of face, human and chimpanzee (Lightoller) 60, 1-85; 59, 109, *S.P.*; (Bishop) 93, 570, *P.* (*TV dem.*)
- anomalous (Beattie & Horsfall) 65, 145-8
- of the Australian aboriginal, part I (Burkitt & Lightoller) 61, 14-39; part II, 62, 33-57
- and head of *Elephas indicus* (Watson) 9, 118-33
- innervation, afferent (Mahran) 89, 564, *P.*
- matrices, homologization of the musculature in monotremes with that of marsupials and placentals (Lightoller) 76, 258-69
- nerve-supply, afferent (Wakeley & Edgeworth) 67, 420-1 (*Macacus rhesus*)
- of *Simia satyrus* (orang utan) (*Papio porcarius* (baboon) and *Macacus rhesus* (monkey)) (Lightoller) 63, 19-81
- of feet, electromyography during standing position (Basmajian & Bentzon) 87, 460-1, *P.*; (Smith) 85, 415, *P.*
- (long flexors) of mammals taxonomic value of (Dobson) 17, 142-79
- flexors, deep (Barlow) 87, 308-10
- intrinsic, mammalian (Cunningham) 13, 1-16 (*marsupial rodents, logomorphs, insectivores, edentate, primates*)
- arch-raising action (Levick) 67, 196-7, *P.*
- medial aspect of sole, considered with tendons (Martin) 98, 437-53; 95, 619, *P.*
- fin, dorsal, of *Hippocampus* (sea-horse) (Ranvier) 9, 406, *rep.*
- of fingers, rudimentary, in Greenland right-whale (*Balaena mysticetus*) (Struthers) 12, 217-23
- extensor (Haines) 85, 251-9
- and flexors, action and associations with flexors and extensors of carpus (Ashdowne) 39, vii-xiii, *P.*
- function (Stack) 98, 477, *P.*
- forearms, extensors, tetrapods (Wheeler Haines) 73, 211-33; 72, 610-11, *P.*
- morphology of deep, (Sutton) 22, xix-xxi, *P.*
- and flexor of, and leg (Humphry) 3, 320-34 (*human and comparative*)
- flexors, and hand, lizards and mammals (Haines) 84, 13-29
- and digits found in *Hyperoodon bidens* (toothed whale) (Struthers) 8, 114-19
- variations (Patten) 59, 19-20, *S.P.*
- of hand (Walsh) 33, 500-1, *anat. not.*
- intrinsic, in marsupials (Young) 14, 149-65 (*opossum, wallaby, yellow-footed rock kangaroo, wombat, koala*)
- of thylacine (*Thylacinus cynocephalus*), cuscus (*Phalangista maculata*) and phascogale (*Phascogale calura*) (Cunningham) 12, 434-44
- intrinsic, 5th digit (Brooks) 20, 645-61
- of head, development (Edgeworth) 34, 113-50
- in *Triton cristatus* (newt) development (Edgeworth) 36, 209-52
- (and face) of *Elephas indicus* (Watson) 9, 118-33
- and trunk, of Indian elephant (Miall & Greenwood) 12, 384-400
- limbs and trunk of *Viverra civetta* (Devis) 2, 207-17
- and neck in mammals (Parsons) 32, 721-52
- in *Scyllium canicula* (dogfish) (Edgeworth) 37, 73-88

- hip (iliopsoas, gluteus medius and minimus, gluteus maximus) electromyography (Joseph & Williams) 91, 286-94
- of the larynx (Kanthack) 26, 279-94
- functions of (Schech) 8, 203, *rep.*
- innervation of, postmortem experiments (Keen) 10, 443-4, *rep.*
- nerve endings in (Keene) 91, 590, *P.*
- of variations in (Gruber) 4, 153, *rep.*
- of limbs, lower and upper (fore and hind) (Humphry) 7, 334, *rep.*
- in anthropoid apes (Hepburn) part I, upper limbs, 26, 149-86; part II, lower limbs, 26, 324-56
- of the chimpanzee, 1, 254-68
- (Galton) 3, 458, *rep.* (*Dasyurus sexcinctus*)
- capillaries, nerve supply *Cavia* (Blair) 61, 498, *P.*
- of *Dasyurus viverrinus* and *Phalangista vulpina* (MacCormick) 21, 103-37 (fore-limbs) 21, 199-226 (hind-limbs)
- distal segments of extensors of (Brooks) 22, xv-xvii, *P.*
- of Indian Elephant (Miall & Greenwood) 12, 261-87
- of *Gymnura* (Parsons) 32, 312-24; mammals, 32, 721-52
- of *Procyon cancrivorus* (Windle) 23, 81-9
- in *Pteropus* (Humphry) 3, 294-319
- of Saurians, *Die Knochen und Muskeln der Extremitäten bei den schlangenähnlichen Sauriern* by Fürbringer, 1870, 4, 285-6, *rev.*
- of *Ursidae* (Windle) 23, 81-9
- variations, and of trunk (Embleton) 6, 216-17
- limb, lower (Bahnsen) 3, 196
- in absence of tibia (Wood) 59, 100-2, *S.P.*
- innervation, motor, cat, rabbit (Adal & Barker) 99, 918-19, *P.*
- monotremes (Lewis) 97, 55-63
- Notoryctes typhlops* (Thompson & Hillier) 39, 308-31 (*marsupial mole*)
- electromyography during standing position (Basmajian & Bentzon) 87, 460-1, *P.*
- postural (Joseph, Nightingale & Williams) 86, 484, *P.*; 87, 460, *P.*; 88, 583-4, *P.*
- (including foot) standing, activity (Smith) 85, 415, *P.*
- variations, congenital abnormalities (Craig & Symington) 12, 419-26 (*child*)
- eight anomalies (Ochiltree) 47, 31-4
- limb, upper, hila, neurovascular (Brash) 81, 376-7, *P.*
- Die Muskeln der vorderen Extremitäten der Reptilien und Vögel* (Rudinger, N.) 1868. 3, 193 and 197
- and trunk (Dursy) 3, 196, *rep. (man)*
- variations (Gruber) 3, 196-7, *rep.*; (Zaaijer) 5, 227-8, *n.*; tendon (Wagstaffe) 6, 212-14
- of lips, upper and lower (Henke) 10, 443, *rep.*
- of lung, parenchyma and bronchial tubes (Rindfleisch) 6, 485, *rep.*
- innervation, fine structure, toad (Robinson) 99, 948-9, *P.A.S.A.N.Z.*
- of mastication (von Teutleben) 9, 390, *rep.*
- and hyoid of *Orycteropus capensis* (Aadvark) (Edgeworth) 58, 134-9
- of nares, crocodilia (Bellairs & Shute) 87, 367-78; 87, 448, *P.*
- of neck, and head (Parsons) 32, 721-752 (*mammals*)
- longitudinal ventral, development (Edgeworth) 44, iii (*t.o.*)
- shoulder and chest (Wood) 5, 193, *rep.*; 4, 154, *rep.*
- ocular, in mammals (Dixon) 31, xxxviii, *P. (t.o.)*
- extrinsic, nerve endings *see* Nerve endings

Subject Index

Muscles of organs and regions, (cont.)

- oesophageal, upper end (Birmingham) 33, 22-30;
(Abel) 47, 381-90
- orbit (Lockwood) 20, 1-25
abnormalities (Bochdalek) 3, 448, *rep.*
in fishes (Harman) 34, 1-40; 34, xlix, *P. July 1899*
(70 species)
- orofacial, and teeth, alignment (Evans & Tulley) 89,
557, *P.*
- of palate, and superior constriction of pharynx in
relation to cleft palate (Whillis) 65, 92-5
- of pelvis, and fascia (Derry) 42, 107-11; 43, ii, *P.*
(July 1907) (t.o.)
muscles, in *Ornithorhynchus* (Pearson) 60, 152-63
- of perineum (Lesshaft) 8, 160-1, *rep.*
in cases of ectopia vesicae and epispadias (Thomp-
son) 65, 161-2, *P.*
- of pharynx (Luschka) 3, 198, *rep.*; (Anderson) 15,
382-91
and hyoid apparatus (Wilson) 69, 140, *P. (t.o.)*
- of pollex (Parsons) 25, iii-iv, *P.*
with special reference to opponens hallucis (Brooks)
22, 78-95, discussion, 22, ii-iii, *P. (anthropoid*
ape)
- prostate and bladder (Pettigrew) 1, 150-1, *rep.*
- respiratory, *The respiratory muscles and the mechanics*
of breathing (Campbell) 1958. 93, 268-9, *rev.*
nerve-endings, development, sheep (Dickson) 74,
268-76
- of shoulder (Williams) 8, 161, *rep. (human &*
chelonian)
locomotor adaptation, primates (Ashton *et al.*) 99,
917, *P.*
neck and chest (Wood) 5, 193, *rep.*
variations, primate (Ashton & Oxnard) 95, 618, *P.*;
(Wood) 4, 154, *rep. (mammalia)*; (Macalister)
1, 316-19
- acting on shoulder, fore limbs and hind limbs in
mammals (Parsons) 32, 721-52
- around shoulder, homologies (Rolleston) 3, 457-8
rep. (comparative)
- skeletal and cardiac, of foetal goat, histochemistry
(Beckett & Bourne) 90, 576, *P.*
cells, satellite, structure (Muir *et al.*) 99, 435-44
(fruit bat, white mouse); (Muir & Allbrook), 99,
408, *P. (fruit bat, mouse)*
- circulation, mammal (Barlow, Walder & Haigh) 94,
294-5, *P.*
- cremaster, rat (Grant) 100, 305-16
- development, embryonic (Sullivan) 97, 491, *P.A.S.-*
A.N.Z. (comparative)
- nematodes, damaging, histochemistry (Beckett &
Macdonald) 99, 408, *P.*
- formation of new motor endplates, rat (Gwyn &
Aitken) 100, 111-26
- red and white impulse activity and succinic dehy-
drogenase, correlation (McMinn & Vrbová) 97,
613, *P. (rabbit)*; 97, 623 (*dem.*)
- stimulation, electrical, measured frequency, earliest
reaction, foetal rat (Straus & Weddell) 72, 625, *P.*
- spinal, weight (Etemadi & Davis) 97, 153, *P.*
- sterno-humeral of Indian elephant (Young) 14,
289-91
- of stomach (Birmingham) 33, 22-30
arrangement of (Pettigrew) 2, 167, *rep.*
- of thigh (Garrod) 9, 405, *rep. (birds)*
phylogenesis (Appleton) 61, 511, *P.*
post-axial, tetrapods (Appleton) part I, 62, 364-
400, part II, 401-38
- postural, electromyography (Joseph) 87, 460, *P.*;
and leg (Joseph, Nightingale & Williams) 88,
583-4, *P.*

- relationship to femur (Appleton) 59, 3-5, *S.P.*
- thoracic, in birds (Magnus) 4, 162, *rep.*
- chest, shoulder and neck (Wood) 5, 193, *rep. (man)*
variations (Wood) 4, 154, *rep. (mammalia)*
thoracic inlet (Törnblom) 2, 165-6, *rep.*
- of thumb, *see* Muscles of pollex
- of toe, little toe, variations (Curnow) 7, 308
- of tongue (Hesse) 10, 443, *rep.*
innervation (Weddell, Harpman, Lambley &
Young) 74, 255-67 (*rat, rabbit*)
intrinsic (Harpman, Lambley & Weddell) 73, 671,
P. (disc. only)
morphology of (Anderson) 15, 362-91
variation (Bochdalek, Jun.) 1, 357, *rep.*
- trachea (von Luschka) 4, 301, *rep.*
variations (Gruber) 4, 153, *rep.*
- of trunk and limbs, variations (Embleton) 6, 216-17
- of ureter, with special reference to dynamic function
(Murnaghan) 98, 493, *P.A.S.A.N.Z.*
- of urethra and urinary bladder (Wood Jones) 36,
li-lvi, *P.*
prostatic (Clegg) 91, 345-51; 91, 573, *P.*; (Lesshaft)
8, 160-1, *rep.*; (Griffiths) 25, 535-49
- of uterus, nerve fibres in (Hertz) 4, 154, *rep.*
- vas deferens, structure, fine, and sympathetic nerves
(Merrillees *et al.*) 97, 484, *P.A.S.A.N.Z.*
(guinea-pig)
- in veins, pulmonary, rat (Klavins) 97, 239-41
- vertebral, posterior, electromyography (Joseph &
McColl) 94, 285, *P.*
- wing, innervation, sympathetic, pigeon (Papa, G. T.
& F.) 65, 407-10
- ## Muscles, whole system
- Annelides (Quatrefages) 4, 154, *rep.*
- avian, innervation (Shehata & Bowden) 94, 574-5, *P.*
(chick)
- Bradypus tridactylus* (Macalister) 4, 162, *rep.*
- Ceratodus* (Humphry) 6, 279-87
- Chiroptera* (Macalister) 7, 171, *rep.*
- Cryptobranchius*, *Menopoma* and *Ellipsoglossa* (Edge-
worth) 57, 97-105
- Cryptobranchius japonicus*, and nerves (Humphry) 6,
1-61
- Cyclothorus didactylus* (Galton) 4, 162, *rep.*
- Cynocephalus anubis* and *Troglodytes niger*, and nerves
(Champneys) 6, 176-211
- of *Dolichotis patagonica* (Windle) 31, 343-53
- of elephant, Indian (Anderson) 17, 491-4
- of *Ellipsoglossus* (Edgeworth) 57, 97-105
- Gordius* (Grenacher) 4, 301, *rep.*
- gorilla (Macalister) 9, 404, *rep.*
- Hyaena striata*, nerve supply (Young & Robinson) 23,
187-200
- Hyoemoschus* (Chatin) 7, 172, *rep.*
- Lemuroids (Murie & Mivart) 4, 162, *rep.*
- Lepidosiren annectens* (Humphry) 6, 253-70
- Lioplepis belli* (Sanders) 7, 338, *rep.*
- of lizard (*Egernia cunninghamii*), nerve supply (Tiegs)
66, 300-22
- Menopoma* (Edgeworth) 57, 97-105
- Microgale longicauda* (Dobson) 16, 355-61
- Mustelus levis* (smooth dog-fish) (Humphry) 6, 271-8
- Myceetes fuscus* (Sirena) 6, 444, *rep.*
- Nematodes (Schneider) 4, 154, 301, *rep.*
- newt, histology (Stirling) 16, 94-5
- Orycteropus capensis* and *Phoca communis* (Humphry)
2, 290-322
- of *Phascogale cinereus* (koala) (Macalister) 7, 172,
rep.; (Young) 16, 217-42
- Phrynosoma coronatum* (Sanders) 9, 406, *rep.*
- pigeon (Haswell) 17, 218-21; note on page 404
- Pseudopus pallasii* (glass-snake) 6, 287-92

Subject Index

Muscles, whole system (cont.)

- python, innervation (Kulchitsky) 59, 36, *S.P. (t.o.)*
 rabbit and ray (Ranvier) 8, 423-4, *rep.*
Sarcophilus harrisii (Tasmanian devil) (Macalister) 7, 172, *rep.*
Ursus americanus (Shepherd) 18, 103-17
 vertebrates (Humphry) 6, 293-376
Viverra civetta (civet cat) (Young) 14, 166-77
 Muscular atrophy, *see* Atrophy, muscular
Muscularis mucosae, in gastrointestinal tract development (Indarjit) 85, 434, *P.*
Musculo-skeletal system, *see* System, locomotor
Museums, anatomical, on arrangement and construction of (Flower) 9, 259-62
see also Techniques, anatomical
Musk, action of (Filehne) 11, 570, *rep.*
Muskrat, *see* *Fiber zibethicus*
Musophagidae, a cranial bone of (*os crochu*) (Reinhardt) 6, 446-7, *rep.*
Mussel, *see* *Mytilus edulis*
 freshwater, *see* *Anodonta cygnaea*
Mustela foina, habits and history of (Rolleston) 2, 47-61
Mustela furo L. (ferret) brain convolutions and endocranial cast in (Darlington) 91, 52-60
Mustela putorius (ferret) suprarenal glands of (Holmes) 95, 325-36
Mustela putorius furo (ferret), placental labyrinth, ultrastructure (Lawn & Chiquoine) 99, 47-69
Mustelidae, *see* *Galera barbata*; *Aonyx leptonyx*
Mustelus levis (smooth dog-fish) muscles of (Humphry) 6, 271-8
Mutants, grey-lethal and microphthalmic, study in growth of bone, mouse (Bateman) 88, 212-62
Mute, deaf, brain (Manouvrier) 34, 416, *rep.*
Mycetes, *see* *Alouatta*
Myelencephalon (Clarke) 3, 451, *rep.*
 development of fibre tracts of, *Die Leitungsbahnen im Gehirn und Rückenmark des Menschen auf grund entwickelungsgeschichtlicher Untersuchungen* (Flechsigg) 1876. 14, 257-66, *rev.*
 granular material in, histochemistry (Chanklin & Issidorides) 93, 583, *P.*
 grey matter (Hollis) 17, 517-22; 18, 62-5; 18, 203-7; 18, 411-15; 19, 274-9
 influence on respiration (Schiff), 5, 403, *rep.*; 6, 233-4, *rep.*; (von Wittich) 1, 360, *rep. (frog)*
 lateral syndrome of, 1 case (Lockhart & Anderson) 66, 149, *P.*
 and spinal cord reflexes, functions of (Owsjannikow) 11, 542, *rep. (rabbit)*
 roof, permeability, specific factor in extracts of choroid plexus influencing (Cohen & Davies) 73, 525-39 (*dog, rabbit, sheep, cow*)
 structure (Clarke) 3, 199, *rep.*
 in *tabes dorsalis* (Woodhead) 16, 364-90 (1 case)
 stimulation, and movements of the intestines (Basch) 8, 417, *rep. (dog)*
 vaso-motor centre in (Dittmar) 9, 215-16, *rep. (rabbit)*
Myelin, compact, formation, predisposition (Smart) 100, 445-6, *P. (dem.)*
 deposition, investigation by Aristotle's technique of translating number into form by means of collections of pebbles or dots (Smart) 100, 444-5, *P. (dem.)*
 growth and form (Smart) 100, 443-4, *P. (dem.)*
Myelin sheath, *see* Sheath, medullary, of nerves
Myelination of central nervous system of *Natrix sipedon* (Warner) 84, 403, *P.*
 nerves, foetus and infant (Keene & Hewer) 67, 200, *P. (dem.)*
 prenatal of sheep (Romanes) 81, 64-81

- see also* individual tracts
Myelin(e), nature of (Neubauer) 2, 180, *rep.*
'Myeline-forms', production of (Neubauer) 1, 359, *rep.*
Myelacephaly, in a twin, 35, 501, *rep.*
Myelometer, new (Derry) 48, 430-1
Myocardium, innervation, cat (Field) 87, 451-2, *P.*
Myocastor coypus (coypu rat) pyramidal tract (Goldby & Kacker) 97, 517-31
Myodome, of gnathostome fishes, also hypophyseal fossa and trigeminal-facialis chamber (Allis) 63, 95-141
 and trigemino-facialis chamber, *Coelacanthidae*, *Rhizodontidae* and *Palaeoniscidae* (Allis) 56, 149-54
Myogale, dentition, skeleton, appendicular and axial, and skull (Mivart) 2, 118-20
Myograph, Clinical (Marey) 1, 158, *rep.*
Myology, *see* Muscles
Myometrium, effects of oestrogen, progesterone and relaxin on glycogen, amylophosphorylase, transglycosylase and uridine diphosphate glucose-glycogen transferase activities, mice (Hall) 99, 926, *P.*
 ultrastructure, rat (Silva) 100, 941, *P.A.S.A.N.Z.*
Myosarcoma, striated, *see* Rhabdomyosarcoma
Myositis ossificans, demonstration of skeleton of 1 case (Paterson) 50, 3-5, *P. (January 1915)*
Myotis Kaup, *Die Entwicklung und Morphologie des Chondrokraniums von Myotis Kaup* (Frick) 1954. 89, 132, *rev.*
Myotomes, amphibian, junction, myo-neural (Mackay, Muir & Peters) 93, 585, *P.*
 cephalic (Primrose) 59, 49-53, *S.P.*
 structure and innervation, lamprey (Peters & Mackay) 95, 575-85
Myrmecobius (anteater), sternal gland (Ford) 68, 346-9
Myrmecophaga jubata (ant-bear), vertebral column (Pouchet) 7, 172, *rep.*
 description of embryo with placenta (Walls) 73, 311-17; 72, 169, *P.*
Mythology, and teratology, 37, 298, *rep.*
Mytilus edulis, seasonal poisonous properties (de Beunie) 6, 502, *rep.*
Myxine, *The biology of Myxine* (ed. by Brodal & Fänge) 1963. 98, 457, *rev.*
 nervous system, in *Biologische Untersuchungen*, volume 11 (Retzius) 1891. 26, 577, *rev.*
 system, vascular (Cole) 59, 112, *S.P.*
Myxine glutinosa (hag-fish) teeth, horny, histochemistry (Dawson) 97, 471-2, *P.*
 'jaw' apparatus (Dawson) 96, 414, *P.*
Myxinoidea, spinal nerves (Goodrich) 72, 158-9, *P.*
Myxoma, cystic, of colon of sheep (Sharp) 30, 559-61
Naevus, naevi, cutaneous, lymphatic multiple (Hoggan) 18, 304-26
 diffuse venous (Barling) 20, 358-9, *anat. not.*
Nagyr, skulls from (Duckworth) in *J. Anthropol. Inst.*, (November 1893) 29, 142, 144, *rev.*
Nail(s), absence on some fingers, 44, 107, *rep.*
 bed, normal, and in 'splinter haemorrhages of the nail' (Martin & Platts) 92, 674, *P.*
 abnormality (Smith) 26, 406-8 (*infant*)
 fold, capillary blood vessels (Walls & Buchanan) 90, 329-36
 growth (Le Gros Clark & Buxton) 72, 320, *P.*
 relation to nutritional status (Gilchrist & Buxton) 73, 575-82; 73, 359-60, *P.*
 region, histology, in normal subjects and in those showing splinter haemorrhages, (Martin & Platts) 93, 232-30

Subject Index

- Nares, anterior, absent, with nose, absent, 37, 306, *rep.*
 comparison in Indians (Charles) in *J. Asiatic Society of Bengal*, vol. LXIII part iii, No. 1. 1894. 29, 141, 143, *rev.*
 position (Negus) 59, 394-400 (*fish, birds, mammals inc., primates*); 59, 112, *S.P.*
 and epiglottis (Symington) 23, xxii, *P. (human foetus)*
- Narwhal, arteries (Wilson) 8, 176, *rep.*
 foetal, dentition (Gervais) 9, 205, *rep.*
 rete mirabile of (Wilson) 14, 377-98
 skull, bidental (Turner) 8, 133-4
 stomach (Woodhead & Sims) 24, 188-94
see also Monodon monoceros
- Nasal bone(s) (Livini) 33, 350 (*ref. only*)
 abnormal, 4 cases (Wahby) 38, 49-51
 comparison, in Indians, (Charles) in *J. Asiatic Society of Bengal*, vol. LXIII, part iii, No. 1. 1894. 29, 141, 143, *rev.*
 unusual form, Ancient Egyptian (Aikin) 36, 257-9
 value in classification of certain birds (Garrod) 8, 177, *rep.*
 variations (Manouvrier) 29, 468, *rep.*
- Nasmyth's membrane (Tomes) 7, 171, *rep.*
- Nasopharynx, 'epipharynx' (nomen novum) (Cave) 95, 281-2, *P.*
 fistulae, bilateral, in living adult (Wilson) 90, 579, *P.*
 mucosa, histology (Ali) 99, 657-72
- Nates, *see* Fold, gluteal
- Natrix natrix (grass snake) paths, visual (Armstrong) 85, 275-88
- Natrix sipedon, myelination of central nervous system (Warner) 84, 403, *P.*
- Navajo child, skull (Shufeldt) 21, 66-71
- Navicular bone (foot) human and anthropoid (Manners-Smith) 41, 255-79
 of hand, *see* Scaphoid bone.
- Neanderthaloid Australian skull, description, with remarks on facial characteristics in general (Burkitt & Hunter) 57, 31-54
- Neck, *Surgical anatomy of the head and neck* (Barnhill) 1937. 73, 198, *rev.*
A frontal section anatomy of the head and neck (Kampmeier, Cooper & Jones) 1957. 92, 167, *rev.*
Detailed atlas of the head and neck (Truex & Kelever) 1948. 83, 283-4, *rev.*
 anatomy, surgical, in relation to septic lesions (Barlow) 70, 548-65
 cartilaginous remains, 40, 299, *rep.*
 muscles, *see* Muscles
 muscular band, 44, 100, *rep.*
 openings, punctiform, two, congenital, 40, 299, *rep.*
 teratological literature (Windle) 34, 413-16
 and head, teratology, *see* Head and neck
 and trunk, homology (Kohlbrugge) 33, 351 (*ref. only*)
 veins, *see* Veins, of neck
- Necturus, latero-sensory livers, course (Allis) 68, 361-415
- Negocoll, *Das Pollersche Verfahren zum Abformen an Lebenden und Toten sowie an Gegenständen* (Poller) 1931. 67, 187-8, *rev.*
- Negro, curled hair and curved hair follicles in (Stuart) 16, 362-3
 dissection (Turner) 31, 624-6
 notes on variations in muscular and cardio-vascular system and spinal nerves (Turner) 13, 382-6 (*1 case*)
 second case, notes on variations in muscular, vascular, lymphatic and nervous systems, (Turner) 14, 244-8
 male, measurements (Duckworth) 33, 356, *anat. not.*
 myology (Bryce) 31, 607-15; 31, xxxvi, *P.*
- occipital bone, growth changes (Tobias) 92, 652-3, *P.*
 curvature (Tobias) 92, 652, *P.*
 scalp of (Stewart) 25, iii, *P.*
 and skin of foetus of (Thomson) 25, 282-5; 25, iii, *P. (t.o.)*
 septum lucidum in (Beyers) 59, 358-78
 skeleton anomalies (Paterson) 27, xxii-iv, *P.*
 South African, flexor digitorum brevis muscle of foot (Wells) 86, 486, *P.*
- Nemathelmintha, observations (Willemoes-Suhm) 6, 449, *rep.*
- Nematodes, muscles (Schneider) 4, 154, 301, *rep.*
 parasitizing striated muscle, histochemistry, *Trichinella spiralis* & *Brugia malayi* (Beckett & MacDonald) 99, 408, *P.*
see also Gordius
- Nemerteans, British, a monograph of British annelids, part 1, the nemerteans (M'Intosh) 8, 385, *rev.*
 developments (M'Intosh) 3, 459, *rep.*
 structure (M'Intosh) 4, 308, *rep.*
see also Annelida
- Neobalaena marginata, found in New Zealand seas (Hector) 7, 335, *rep.*
- Neocerebellum, hypoplasia, (Boyd) 74, 557, *P.* (*1 case*)
- Neocortex, *The neocortex of Macaca mulatta*, (von Bonin & Bailey) 1947. 82, 271, *rev.*
 cell types of, quantitative study (Mitra) 89, 467-83
- Neopallium, development, in horse (Anthony & Grzybowski) 64, 148-69; (Anthony & Grzybowski) 71, 41-53 (sheep)
 and interpretation of sulci (Anthony & Grzybowski) 68, 558-70 (ox)
 origin, and morphology of corpus striatum (Elliot Smith) 53, 271-91 (*reptiles and mammals*)
 structure, dual; history and significance, birds, reptiles, mammals (Dart) 69, 3-19
- Neoplasms, congenital (Cristiani) 26, 431-2, *rep.*
- Neostriatum, neurohistology and fibre connexions (Glees) 80, 217, *P. (rabbit, cat, monkey)*
- Neotoma, *Monographs of the American Society of Mammalogists*. No. 1 *Anatomy of the wood rat* [Neotoma] 1926. 63, 283, *rev.*
- Nephelis, development (Raetzl) 4, 161, 307, *rep.*
- Nephritis, catarrhal, tubular debris, removal (Hamilton) 25, 198-201
 post-scarlatinal, changes in kidney (Waller) 14, 432-48
- Nephrocalcinosis, experimental sites of calcium deposition (Fourman) 92, 662, *P. (rat)*
- Nephrons, dissection, (Hsi-Ching Pai) 69, 344-9
 histophysiology, comparative, vertebrate (Gérard) 70, 354-79
 relation of site of cholinesterase in kidney to form and function (Fourman) 100, 430-1, *P.*
 steroid excretion in, histochemical evidence (Ferguson) 100, 431, *P. (rat, guinea-pig, hamster, sheep, man)*
 'Swan necks' in, experimental production, rat (Fourman) 95, 606, *P.*
- Nephrostomes, and abdominal pores in fishes (Bles) 32, 484-512
- Nephrotic syndrome, renal histology, electron micrographs (Hickey) 99, 218, *P. (dem.)*
- Nerium Oleander, actions, (Pelikan) 1, 154, *rep.*
- Nerve(s)
 conduction, *see* Conduction
 endings, autonomic, in vas deferens smooth muscle, fine structure, rat (Richardson) 96, 427-42
 in (bladder), smooth muscle (Hénocque) 5, 194, *rep.*

Subject Index

Nerve(s), (cont.)

- brain, isolation, homogenization and centrifugation (Gray & Whittaker) 96, 79-88
- in buccal mucous membrane (Elin) 6, 436, *rep.*
- in capillaries (Haycraft, Carlier & Schofield) 22, 133-4
- in cerebral cortex, structure (Gerlach & Rindfleisch) 8, 171, *rep.*
- changes, structural, in starvation and beri-beri (Woollard) 61, 283-97
- in conjunctiva (Oppenheimer, Palmer & Weddell) 92, 321-52 (*mammal*); (Mauchle) 2, 400, *rep.*; (Poncet) 10, 452, *rep.*
- encapsulated (Oppenheimer, Palmer & Weddell) 90, 579, *P.*
- corpuscles, bulbous, structure and life history (Fitzgerald) 96, 189-208
- tactile (Cauna) 89, 568, *P.*
- in cornea (Lipmann) 4, 305, *rep.*
- cutaneous (Langerhans) 3, 452, *rep.*; (Stieda) 8, 175, *rep.*; (Hoggan) 18, 182-97 (*raccoon*, *Procyon lotor*); (Woollard) 71, 54-60; 70, 195, *P. (t.o.)* 71, 149, *P.*
- see also Nerve endings, skin
- endocardial, in atria of dog, (Holmes) 91, 259-66; 90, 588, *P.*
- in foetus (Hewer) 69, 369-79; (Lucas Keene and Hewer) 70, 192, *P. (dem.)*
- free, cholinesterase in and in Meissners' corpuscles (Cauna) 93, 584, *P.*
- in glands (especially salivary) (Krause) 5, 194, *rep.*
- in glans penis and clitoris (Bense) 3, 198, *rep. (mammalia and birds)*; (Finger) 1, 356, *rep.*
- on hairs (Hoggan & Hoggan) 27, 224-31 (numerous mammals, including man)
- intra-epidermal (Woollard) 71, 54-60; 71, 149, *P.*; 70, 195, *P. (t.o.)*
- in the adult dog heart (Holmes) 90, 600, *P.*
- receptor (Holmes) 90, 588, *P.*
- in labyrinth developing (Shute) 85, 425-6, *P.*
- lamellated, 3 types (Quilliam) 97, 299, *P. (mole, duck)*
- in laryngeal mucous membrane (Lindeman) 4, 304, *rep.*; (Baldyrew) 5, 378, *rep.*
- in liver, acinous glands (Pflüger) 5, 379, *rep.*
- Functional structure of the postsynaptic membrane in the myoneural junction (Csillik) 1965. 100, 676, *rev.*
- motor (Moxon) 1, 357, *rep.*; (Trinchesse) 2, 395, *rep.*; (Mitra) 2, 167, *rep.*
- in amphibian myotomes (Mackay, Muir & Peters) 93, 585, *P.*
- changes after section of nerves (Sikolow) 9, 218, *rep. (frog)*
- and innervation of muscle spindles in *Trichosurus vulpecula* (Australian opossum) (Jones) 100, 733
- pattern in developing tadpole (*Xenopus laevis*) (Lewis) 93, 569, *P.*
- in muscles (Kulchitsky) 58, 152-69; (Kulchitsky) 59, 1-17 (*frog*); 59, 89, *S.P. (dem.)*; 59, 103, *S.P. (t.o.)*; 59, 59-60, *S.P.*
- laryngeal (Keene) 91, 590, *P.*
- (recto-coccygeus) (Krause) 5, 194, *rep. (rabbit)*
- in reptilian skeletal preparations, and drawings (Hill) 65, 176, *P. (t.o.)*
- in respiratory development, sheep (Dickson) 74, 268-76; 74, 142, *P. (disc. only)*
- striped (Arndt) 8, 161-2, *rep.*
- in nose, neurohistology and histochemistry, hedgehog, mole (Alberti & Cauna) 94, 289-90, *P.*
- of omentum, greater (Finkam) 9, 204, *rep.*
- palatine, in blood vessels of frog (Stirling & MacDonald) 17, 293-307

- in the retina (Krause) 2, 169, *rep.*; (Schultze) 4, 305-6, *rep. (fish, reptiles, birds, mammals)*
- in salivary glands (Pflüger) 4, 156, *rep.*
- sensory, changes, dynamic, at (Fitzgerald) 93, 584, *P. (pig)*
- in the conjunctiva (Krause) 1, 346
- and muscle spindles in foetal muscles (Bowden) 97, 477, *P.*
- in the papillae (Freyfeld-Szabadföldy) 2, 168, *rep.*
- sensory, see also Receptors
- sinus carotid (Riisager & Weddell) 96, 25-38
- in skin (Eberth) 4, 305, *rep.*
- Nerve endings in normal and pathologic skin (Winkelmann) 1960. 95, 443-4, *rev.*
- tactile (Rouget) 3, 451-2, *rep.*
- and touch corpuscles (Langerhans) 8, 175, *rep.*
- 'organized', (Weddell & Sinclair) 86, 496, *P.*
- spiral, in extrinsic ocular muscles (Daniel) 80, 189-93
- sub-serving warmth (Woollard, Weddell & Harpman) 74, 558, *P.*
- of taste (Letzerich) 3, 451, *rep.*; (Engelmann) 2, 432-3 (*n.*)
- in taste buds of tongue (Hoffman) 9, 396, *rep.*; (Sertoli) 9, 413-14, *rep. (horse)*.
- in teeth (Tiegs) 66, 622-7
- in tongue (von Wyss) 5, 194-5, *rep. (man & other mammals)*
- tracheo-bronchial tree, primates (Fisher) 97, 300, *P.*
- urinary, frog (Lavdowsky) 7, 170, *rep.*
- in uterine and vaginal membranes (Chrschtschono-vitsch) 6, 435-6, *rep. (human, bitch)*
- Nerve supply, intramuscular pattern of (von Bardeleben & Frohse) 31, xxxiv, *P. (t.o.)*
- of individual organs, see also name of organ; Nerves of organs and regions
- tracts, see Tracts
- trunks, of limbs, intrinsic anatomy (Compton) 51, 103-17; 51, 10-11 (June 1916)
- Nerves, general
- Nervous inhibition (Florey, ed.) 1961. 96, 542-3, *rev.*
- Handbuch der Biologischen Arbeitsmethoden (Abderhalden) Abt. 5, Teil 5A, Heft 2, Methoden der Muskel-und Nervenphysiologie, 1936. 59, 446-7, *rev.*
- Injuries and diseases of nerves (Bowlby) 1889. 24, 472-4, *rev.*
- Diagrams of the nerves of the human body (Flower) 2nd ed. 1872. 7, 166, *rev.*
- Die Lebensbedingungen der Nerven nach Untersuchungen aus dem Laboratorium des Reisingerianum's in München (Ranke) 1868. 3, 190-3, *rev.*
- Nerves of the human body (edited by Whittaker) c. 1920. 54, 100, *rev.*
- acid formation in (Funke) 4, 321, *rep.*
- adrenergic, fluorescence technique for demonstration (Spriggs et al.) 100, 688, *P. (cat, rat)*
- anatomy, with relation to the lymphatic system (Thin) 9, 193-7, *rep.*
- blood supply, historical review (Adams) 76, 323-41; sciatic nerve (Adams) 77, 243-50 (*rabbit*)
- components, theory, and segmentation of vertebrate head (Merritt) 39, 199-241
- Cryptobranchius japonicus* and muscles (Humphry) 6, 1-61
- Cynocephalus anubis* and *Troglodytes niger* and muscles (Champneys) 6, 176-211
- changes in, after section, (Ranvier) 7, 344, *rep.*
- chemical construction and reactions of, *Die Lebensbedingungen der Nerven nach Untersuchungen aus dem Laboratorium des Reisingerianum's in München* (Ranke) 1868. 3, 190-3, *rev.*

Nerves, general (cont.)

- chemical explanation of electromotive properties of, and muscle (Hermann) 3, 234-6, *rep.*
- cross-suture of cervical sympathetic and peripheral motor nerves, effect of stimulation of hypothalamic pupillo-dilator centre (Beattie *et al.*) 66, 283-99 (*cat*)
- degeneration, *see* Degeneration
- development, embryonic rats (Peters & Muir) 92, 667-8, *P.*
- divided, distal persistence of excitability (Arloing & Tripier) 9, 218, *rep.*
- repair, and fate of nerve grafts (Bentley & Hill) 71, 150-1, *P. (disc. only)*
- sensibility, conditions for persistence of, on stimulation of peripheral end (Arloing & Tripier) 11, 544, *rep. (soliped, rodent, carnivore)*
- recovery of (Arloing & Tripier) 11, 545, *rep.*
- dying, contraction [*?* conduction] (Filehne) 7, 344, *rep.*
- electricity (Reymond) 2, 417, *rep. (animal)*; 4, 329-30, *rep.*; 8, 213, *rep.*
- current, negative oscillation (Schiff) 6, 223, *rep.*
- absence (Schiff) 5, 218, *rep.*
- effect, current (Hermann) 7, 178-9, *rep.*
- electromotor power of and muscles (Hermann) 6, 240-1, *rep.*; 6, 223, *rep. (chick embryo)*
- electrotonus and transmission (Bernstein) 9, 218, *rep.*
- excitability during (Wundt) 5, 397-8, *rep.*
- of different parts of trunk and spinal nerve (Rutherford) 5, 329-38 (*frog*)
- and oxygen (Ewald) 4, 324, *rep.*
- foetal, ulnar, electron microscopy (Smart) 100, 446, *P. (dem.)*
- fibres *see* Fibres, nerve
- growth, and internodal length (Vizoso) 84, 342-53
- histology and physiology (Ranvier) 7, 170, *rep.*; 8, 186, *rep.*
- implants in striped muscle (Aitken) 84, 38-49; 84, 65, *P.*
- impulse, rate of transmission (von Wittich), 3, 213, *rep.*
- and influence of varying temperature and electrical stimulus (Troitzky) 9, 218-19, *rep. (frog)*
- injuries (Hayem) 9, 213, *rep.*
- effects on anterior horn cells (Romanes) 80, 117-31 (*rat*)
- effects on muscle contractility (Vulpian) 6, 472, *rep. (dog, guinea-pig)*; 8, 186, *rep.*
- internode lengths, fishes (Thomas & Young) 83, 336-50
- intramuscular, ramifications (Frohse & von Bardeleben) 32, xviii-xxi, *P.*
- lesions, effect on temperature (Mitchell) 8, 427, *rep.*
- and movements, voluntary of muscles (Wood Jones) 52, 41-57
- of muscles, composition (Fernand & Young) 84, 402, *P.*
- myelinated, branching (Kashef) 100, 927, *P. (monkey, rat, fowl, frog)*
- and nerve centres, development of heat in (Schiff) 6, 223, *rep.*
- mechanism of (Wundt) 6, 223, *rep. (book)*
- nervorum, description (Sappey) 2, 394, *rep.*
- non-myelinated, degenerating, cell multiplication, absence (Joseph) 81, 135-9; 81, 375-6, *P.*
- fragility of terminals (Weddell & Zander) 85, 242-50

- regeneration, *see* Regeneration, nerve
- repair, anastomoses, peripheral segment, fate (Balançe) 69, 140, *P. (t.o.)*; 69, 152, *P. (dem.)*
- root, dorsal, *Amphioxus*, electron microscopy (Peters) 97, 310, *P.*
- section, fibre size, retrograde changes following (Aitken & Thomas) 96, 121-9 (*rabbit*)
- trophic effects (Schulz) 8, 186, *rep.*
- stimulation (Fleischl) 10, 633, *rep.*; (Grützner) 13, 123, *rep.*
- activity of during (Setchenow) 7, 344, *rep.*
- comparison of electrotherapeutic and physiologic methods of (Filehne) 5, 398-9, *rep. (man, frog, rabbit)*
- electrical (Fick) 8, 186, *rep.*; (Konig) 6, 222, *rep.*; (Schiff, Fuchs & Englemann) 8, 186, *rep.*
- action of current in different directions (Bernheim) 8, 400, *rep.*
- effect of double (Dew-Smith) 8, 74-82
- electromagnetic (M'Kendrick) 13, 219-23 (*frog*)
- partial (Munk) 11, 544, *rep.*
- unipolar (Chauveau) 11, 544, *rep.*
- prevention of unipolar currents (Engelmann & Place) 3, 246-8, *n. (frog)*
- by saturated solutions of urea (Buchner) 10, 633, *rep.*
- with unipolar current (Fuchs) 7, 179, *rep.*
- by varying strengths of constant current (Nasse) 5, 398, *rep.*
- stump, after neurectomy, fine structure (Barton) 98, 285-7, *P. (rabbit, mouse)*
- suture, results of uniting sensory to motor (Vulpian) 8, 400, *rep.*
- 4 case reports (Kennedy) 31, 447-9
- tetanus (Valentin) 10, 652, *rep.*
- trophic, influence on nutrition (Joseph) 6, 474, *rep. (frog)*
- variations, *Die Nerven-Varietäten beim Menschen* (Krauss & Telgmann) 1868. 2, 386, *rev.*
- Muskeln und periphere Nerven der Primaten, mit besonderer Berücksichtigung ihrer Anomalien* (Kohlbrugge) 1897. 32, 608, 611-12, *rev.*
- see also* individual nerves
- Nerves, named
- abdominal, sympathetic, dissections (Mitchell) 72, 626, *P. (dem.)*
- abducent, angulation clinical significance (Wolff) 63, 150-1, *P.*
- see also* Nerves, cranial
- accelerans, relation to vagus (Baxt) 11, 557, *rep. (expts.)*
- accessory, relation to internal jugular vein and transverse processes of atlas (Keith) 30, xii-xiv, *P.*
- cells, origin of in *Phocoena communis* (porpoise) (Hepburn & Waterston) part I, 38, 105-18; part II, 38, 295-311
- intracranial and extracranial parts (Fahmy) 61, 298-301
- obturator, in plexiform arrangement of cutaneous nerves of thigh (Hepburn) 20, 692-3, *anat.-phys. not.*
- spinal, sheep (Romanes) 74, 336-47
- relation to carotid sheath and contents and to sternomastoid (Committee of Collective Investigation) 32, 177-83
- XI, central connections and relations of (Turner) 29, 1-15 (*kitten, human foetus, monkey after section of nerves, man after bulbar paralysis*)
- variations (Curnow) 7, 309
- acoustic, *see* Nerve, auditory

Nerves, named (cont.)

- alveolar** inferior, development, post-natal, cat (Mohiuddin) 85, 24-35; 84, 405-6, *P.*
- incisor branch, course and distribution to pulp, rodents (Ridehalgh & Stewart) 72, 416-21
- intra-mandibular course (Starkie & Stewart) 65, 319-23
- peripheral course (Wedgwood) 100, 639-50
- superior anterior (Wood Jones) 73, 583-91; 73, 667, *P. (t.o.)*
- middle occurrence in man (Fitzgerald) 90, 520-2; 90, 586-7, *P.*
- see also* Nerves, of Teeth
- aortic**, course, upper cervical, horse (King) 90, 571, *P.*
- cervical, horse (King) 91, 228-36
- and sinus, of lion and badger (Amoroso *et al.*) 85, 411, *P.*
- articular**, temporo-maxillary, relation to dura mater (Fawcett) 27, 179-80
- auditory**, connections (Poljak) 60, 465-9, *P. (comparative mammalian)*
- development in vertebrates (Cameron & Milligan) 44, 111-32
- effect of galvanic current upon (Blake) 8, 400, *rep.*
- origin, vertebrate (Gaskell) 35, xiii-iv, *P.*
- significance, vertebrate, from study of ammocoetes (Gaskell) 36, 164-208
- see also* Nerves, cranial
- auricular**, distribution (Cunningham) 7, 94-7
- autonomic**, in crustacea (Eckhard) 2, 191, *rep.*
- ciliospinal centre (Salkowski) 2, 188, *rep.*
- dissections (Mitchell) 73, 669, *P.*
- intestine, small, light and electron microscopy (Richardson) 94, 457-72 (*rabbit, cat*)
- motor, of oesophagus (Jolyet) 2, 192, *rep.*
- to pelvis, outflow, pelvic ganglia and viscera, human embryos (Calabrisi) 88, 569, *P.*
- unusual arrangements, male still-born infant (Mitchell) 73, 492-8, *anat. not.*
- buccal**, long (Vth), distribution (Cunningham) 7, 94-7
- mandibular, functions (Bankart, James), 2, 325-8
- variations (Turner) 1, 83-4; (Turner) 3, 198-9, *ep.*
- cardiac**, acceleration and depression (Bowditch) 8, 193-6, *rep. (curarised dogs)*
- action of calabar bean on (Arnstein & Sustschinsky) 3, 474-5, *rep. (animal)*
- action of vanadium on (Gamgee & Larmuth) 11, 235-50 (*frog*)
- effects of change of temperature on central ends, 8, 399, *rep. (expts. animal)*
- sympathetic accelerator nerves in rabbit and dog (Cyon, E. and M., Bever, von Bezold) 2, 191, *rep.*
- effects of chemical irritation of (Mosso) 8, 193, *rep. (atropinised dogs)*
- human foetus (Williams & Ellison) 98, 692, *P.*
- and vagus, anatomy and physiology of (Schmiedeburg) 7, 180-2, *rep.*
- variations, branch from superior laryngeal (Hepburn) 30, 576-7
- cervical**, in birds, development (Marshall) 11, 491-515
- sympathetic (Axford) 62, 301-18
- and descendens cervicalis, communications (Rodrigues) 64, 308-18
- effect on suprarenal cortical vascularization, rat (Brown & Harrison) 98, 11-16
- thoracic, efferent (Harman) 34, 359-80

- chorda tympani** (Vulpian) 8, 186, *rep.*
- distribution (Vulpian) 3, 451, *rep.*; (Lussana) 4, 185, *rep.*
- and connections, effects of stimulation (Vulpian) 7, 342-3, *rep. (dog)*
- in tongue (Prevost) 7, 343, *rep. (cat, dog, guinea-pig, rat)*
- effect of atropia on secreto-motor fibres of (Heidenhain) 7, 199, *rep. (curarised dogs)*
- relation to spine of sphenoid bone, 29, ii-iv, *P.*
- variations (Embleton) 6, 217
- see also* Nerves, cranial
- cochlear**, connections with labyrinth (Shute) 85, 359-69
- corneal**, degenerating, mitoses, Schwann cell (Wendell-Smith) 97, 486, *P.A.S.A.N.Z. (rabbit)*
- cranial**, *The cranial nerves, Anatomy and anatomico-clinical correlations* (Brodal) 1959. 93, 558, *rev.*; 2nd ed. 100, 206-7, *rev.*
- Illustrations of the nerve tracts in the mid and hind brain, and the cranial nerves arising therefrom* (Bruce) 1892. 27, 286-8, *rev.*
- anastomoses of (Bischoff, E.) 1, 148-9, *rep.*
- anatomy of, *Die Anatomie der Menschlichen Gehirn-Nerven* (Rüdinger) 1868. 3, 193, *rev.*
- and brain, development (His) 31, xl, *P. (t.o.)*
- four-root theory (Monro) 30, 36-44
- III, IV, V, VI, significance of, origin of vertebrates from the study of ammocoetes, part V (Gaskell) 34, 465-513; 34, xxv-ii, November, 1899, *P.*
- III, IV, VI, structure (Barratt) 35, 214-23
- IV, V & VI, in chimpanzee (Cunningham) 31, xl, *P. (t.o.)*
- IV, V & VI, in orang (Cunningham) 31, xl, *P. (t.o.)*
- of *Echinorhinus spinosus* (Jackson & Clarke) 10, 75-107
- fibres, *see* Fibres
- of *Hexanthus* (Gegenbaur) 6, 448, *rep.*
- of *Lepidosiren annectens* (Humphry) 6, 253-70
- mixed, development, activity of placodes during, in sheep embryo (Batten) 90, 585, *P.*
- origin of vertebrate, from study of ammocoetes, part X (Gaskell) 36, 164-208
- peripheral, distribution, in *Ammocoetes* (Alcock) 33, 131-53
- of rabbit, physiology (Christiani) 16, 142-3, *rep.*
- reconstruction with brain, 20 mm. human embryo (Gladstone) 65, 165, *P.*
- sensory, of cornea (Cohnheim) 2, 170, *rep.*
- in tabes dorsalis (Woodhead) 16, 364-90
- segmental value of (Marshall) 16, 305-54 (*comparative study*); (Shore) 23, 428-51
- and spinal (Gaskell) 23, v-vi, *P.*
- variations (Pye-Smith, Howse & Davies-Colley) 5, 378, *rep.*; (Turner) 6, 101-6
- in distribution, and of upper limb (Bankart, Pye-Smith & Phillips) 3, 451, *rep.*
- cutaneous**, of arm, medial (Birmingham) 30, 63-9; (Curnow) 7, 309-10
- absent, and lateral branch of first intercostal (Hepburn) 30, 579.
- posterior, variation (Tonkoff) 33, 353 (*ref. only*)
- experiments (Thompson) 66, 148-9, *P.*
- to dorsum (foot) distribution (Collective Investigation, Anatomical Society) 26, 89-90 (229 *specimens*)
- of foot and leg (Kosinski) 60, 274-97; 59, 109, *S.P. (dem.)*
- of leg, anomalous distribution (Harman) 33, xxii-iv, *P.*

Subject Index

Nerves, named, cutaneous (*cont.*)

- of the leg and foot (Kosinski) 60, 274-97; 59, 109, *S.P. (dem.)*
- stimulation by H_2SO_4 , (Baxt) 7, 177-8, *rep. (frog)*
- of thigh, anterior plexiform arrangement (Hepburn) 20, 692-3, *anat.-phys. not.*
- variation of distribution in hand and digits (Stopford) 53, 14-25
- of trunk, with reference to herpes zoster (Griffiths & Oliver) 24, iii, *P. (t.o.)*; 24, xi-xii, *P.*
- see* Nerve, alveolar
- descendens cervicalis and cervical sympathetic, communications (Rodrigues) 64, 308-18
- descendens hypoglossi, phrenic nerve with contributions from (Turner) 27, 427
- digital, palmar, development and organisation of preterminal pattern (Cauna & Mannan) 92, 658, *P.*
- dorsalis scapulae, *see* Nerve, to rhomboids, cutaneous branch.
- of ductus arteriosus and heart (Holmes) 91, 606, *P. (guinea-pig, rabbit)*
- endocardial, in atria of dog (Holmes) 91, 259-66; 90, 588, *P.*; 90, 600, *P.*
- facial, aberrant course in parotid gland (Gruber) 6, 436, *rep.*
- blood supply (Blunt) 88, 520-6; 88, 546, *P.*
- distribution, in man (Dixon) 33, 471-92
- extrapetrous, experiment and communications with trigeminal nerve, histology, rabbit (Bowden & Mahran) 94, 375-86
- and gland, parotid (McKenzie) 82, 183-6; 83, 60, *P.*
- and glossopharyngeal, communication between (MacCallan) 29, xxviii-xxx, *P.*; (Dixon) 29, xxx-xxxii, *P. (human and rat embryos)*
- intrapetrous, branches (Panditharatne) 100, 443, *P. (man, monkey)*
- intrapontine course (Cunningham) 32, xl, *P. (man, orang, chimpanzee)*
- intrapontine part of motor root (Vernon) 66, 66-75
- paralysis, in infant with absence of internal ear, 36, 304, *rep.*
- parotid region, relations (Gorton) 59, 80-1, *S.P. (horse)*
- peripheral distribution (Kelly) 63, 176, *P. (t.o.)*
- topography and mastoidectomy (Joyce) 34, 248-55
- and trigeminal, of fishes, unsymmetrical distribution of (Collinge) 29, 352-4 (*Clarius, Amiurus, Esox, Gadus*)
- see also* Nerves, cranial
- furcalis, in 110 cases (Collective Investigation) 29, 45
- glossopharyngeal, central connections and relations of (Turner) 29, 1-15 (*kitten, human foetus, monkey after section of nerves, man after bulbar paralysis*)
- and facial, communication between, 4/10 specimens (MacCallan) 29, xviii-xxx, *P.*; (Dixon) 29, xxx-xxxii, *P.*
- intracranial and extracranial parts (Fahmy) 61, 298-301
- placodal contribution to, and to carotid body (Batten) 94, 290, *P. (sheep)*
- relations at exit from cranial cavity (Partridge) 52, 332-4
- vasodilator action of (Vulpian) 10, 626, *rep.*
- see also* Nerves, cranial
- hypoglossal, central connections and relations of (Turner) 29, 1-15 (*kitten, human foetus, monkey after section of nerves, man after bulbar paralysis*)
- decussation of fibres in medulla (Gerlach) 3, 451, *rep.*

- fibres, afferent (Downman) 73, 387-95
- sensory (Tarkhan & Abou-el-naga) 81, 23-32
- and lingual, peripheral connexions (Fitzgerald & Law) 92, 178-88 (*man, cat, dog, pig, rabbit*); (Fitzgerald) 91, 613, *P.*
- piercing artery (left vertebral) (Ogle) 29, 20
- sensory component (Boyd) 75, 330-45 (*rabbit*)
- and laryngeal, surgical anastomosis (Vulpian) 8, 186, *rep.*
- see also* Nerves, cranial
- infra-orbital, abnormal course (Fawcett) 38, xxv-xxvii, *P.*
- intercostal, anatomy (Davies, Gladstone & Stibbe) 66, 323-33; 65, 178, *P.*; 66, 152, *P.*
- branches, function, absence (Baillard & Cavalie) 33, 353 (*ref. only*)
- of diaphragm, in man and birds (Cavalie) 33, 501 (*ref. only*)
- first, distribution and relation to first rib (Cave) 63, 367-79
- lateral cutaneous branch of, 2 cases (Thomson) 19, 328-32
- and absent medial cutaneous nerve of arm (Hepburn) 30, 579
- cutaneous branches, unusual distribution of (Dixon) 30, 209-10 (*1 case*)
- interosseous, articular variations, branches to metacarpophalangeal, bilateral (Hepburn) 30, 577-8
- intrinsic, kidney, baboon (Williams) 98, 301, *P. (dem.)*
- lacrimar, variation (Laffay) 33, 352 (*ref. only*)
- laryngeal (Dilworth) 56, 48-52
- fibre components, *Macaca mulatta* (Brocklehurst & Edgeworth) 74, 386-9
- fibre size frequency distribution (Scheuer) 98, 99-104
- function (Navratil) 6, 474, *rep. (cat, dog)*; (Schech) 8, 203, *rep.*
- recurrent (Parsons) 54, 172
- relation, in neck (Bowden) 89, 564, *P.*
- superior and inferior anastomosis between (Phillipeaux & Vulpian) 4, 159, *rep.*
- right, aberrant, variations (Curnow) 7, 308-9
- superior abnormal, one case (Nordensson) 4, 333-4, *N.*
- cardiac nerve branch to (Hepburn) 30, 576-7
- passage through thyroid cartilage, 3 cases (Shepherd) 15, 295, *anat. not.*
- and vagus and sympathetic, influence upon blood-pressure and pulse (Aubert & Roever) 3, 461-2, *rep. (curarised animals)*
- lingual, functions (Prévost) 8, 185, *rep.*; 8, 398, *rep. (cat, dog, guinea-pig, rabbit)*
- and hypoglossal, surgical anastomosis (Vulpian) 8, 186, *rep.*
- and hypoglossal, peripheral connexions (Fitzgerald & Law) 92, 178-88 (*man, cat, dog, pig, rabbit*); (Fitzgerald) 91, 613, *P.*
- lumbosacral, of limbs, lower, plexus (Paterson) 28, 84-95
- lumbar, 1st and thoracic, 12th, distribution of (Collective Investigation, Anatomical Society) 26, 81-3 (*83 subjects*)
- ramus, anterior (Davies) 70, 177-8, *anat. not.*
- variations in man (Griffin) 26, 48-55
- 6th, distribution of, in *Macacus rhesus* (Sherrington) 29, xix-xx
- and sacral, arrangement of, in subject with 6 lumbar vertebrae (Birmingham) 24, i, *P. (t.o.)*

Subject Index

Nerves, named (*cont.*)

mandibular, branches, relation of pterygo-spinous ligament to (Collective Investigation) 28, 68-70 variations (Curnow) 7, 308

maxillary, primates (Ashton & Oxnard) 92, 649, *P.* relationships to cavernous sinus, and to an emissary sinus passing through the foramen ovale (Henderson) 100, 905

median, anomalous cutaneous distribution of (Richet, Révillout) 2, 412, *rep.* anomalous relation to pronator teres (Gruber) 2, 394, *rep.* branch to thenar muscles, congenital absence (Hall) 37, 387-9 branching and reunion of trunk in forearm (Williams) 21, 333, *anat. not.* (1 case) coraco-brachialis supply by (Hepburn) 21, 513 dorsal, distribution in *Phalangista vulpina* (Parsons) 36, xxv, *P.* forearm and hand, blood supply (Blunt) 93, 15-22; 92, 670, *P.* variations (Curnow) 7, 309 distribution, cutaneous (Thompson) 69, 159-64 and ulnar, communication between, in forearm (Pye-Smith, Howse & Davies-Colley) 5, 378, *rep.*; (Gruber) 5, 378, *rep.* (*man, mammals*); (Collective Investigation) 27, 192-4.

mental, growth and direction of mental foramen (Warwick) 84, 72, *P.* in relation to direction of mental foramen, and growth of mandible (Warwick) 84, 116-20; 84, 72, *P.*

mesenteric, superior, centripetal fibres in, rabbit (Ross) 92, 189-97

motor, composition, after increasing functional load of muscle (Wedeles) 83, 57, *P.* conduction *see* Conduction ratio of fibres in, to muscle fibres (Tergast) 7, 329, *rep.* injured and healthy, galvanic stimulation of (Romanes) 10, 707-34 (*frog*) of musculus sternalis (Wallace) 21, 153-4, *anat. not.* and sensory, irritation of, warming effects on nerve centres (Schiff) 5, 210, *rep.* cross-union, effects of (Vulpian) 9, 219, *rep.* (*expt.*)

musculo-cutaneous, variation (Gruber) 10, 446, *rep.* of arm, and variations of outer cord of brachial plexus (Patten) 59, 20, *S.P.* distribution, anomalous, with complete absence of cutaneous branch of radial nerve (Appleton) 46, 89-94 of leg variations (Turner) 8, 299 absence (Harman) 33, xxii-iv

musculospiral, radial branch, variation in distribution (Learmonth) 53, 371-2

mylohyoid, communication with lingual (Shepherd) 15, 295, *anat. not.*

obturator, accessory, communicating with femoral to supply adductor longus (Thompson) 19, 328-32 cutaneous branch of (Hepburn) 21, 512 branch to pectineus muscle (Hepburn) 30, 577

ocular, sensory fibres in (Abd-El-Malek) 72, 524-30 (*dog*)

oculomotor (Beattie) 65, 177, *P.* *see also* Nerves, cranial; Nerves, parasympathetic

olfactory, development (Disse) 31, xxxviii (*birds*) (*i.o.*) early (Disse) 32, xii-xvi, *P.* and morphology (Marshall) 14, 145-7 (*dog-fish, trout, salmon, axolotl, frog, lizard, chick*)

effect of section of (Prevost) 4, 185, *rep.* (*dog*) pattern (Le Gros Clark & Warwick) 80, 239-40, *P.* relations with claustrum (Randacio) 16, 151-2, *anat. not.*

ophthalmic, deep, in fish, and the ventral nerve of the premandibular segment (Allis) 59, 217-23

optic, axon-satellite cell relationships in (Wendell-Smith *et al.*) 99, 946, *P.A.S.A.N.Z.* blood supply, and of chiasma (Steele & Blunt) 90, 486-93; 90, 564-5, *P.* [chiasma] (Reich) 10, 204, *rep.* chiasma, structure of (Michel) 9, 219, *rep.* as part of the central nervous system (Monro) 30, 45-8 and bulb, olfactory, failure of development due to teratogenic agents (Giroud) 97, 623, *P. (dem.)* circulation in (Leber) 7, 344, *rep.* compression by internal carotid arteries (Durward) 69, 137, *P.* connexions between myelin sheaths and glial cells in rat (Peters) 98, 125-34 degeneration, secondary, rate, cat (van Crevel & Verhaart) 97, 451-64 fibres in (Nicati) 10, 452-3, *rep.* (*vertebrates*) form and structure of and relation to optic stalk (Robinson) 30, 319-33 glia-nerve fibre relationships in (Blunt *et al.*) 99, 1-11 (*cat, rabbit*) macroglia (Blunt *et al.*) 97, 485, *P.A.S.A.N.Z.* medullation, mouse (Romanes) 84, 79, *P.* and origin of optic apparatus, vertebrate, from study of ammocoetes (Gaskell) 35, 224-67; 35, iv-vi, *P.* regeneration, afferent and efferent fibres, anuran (Maturana) 90, 592, *P.* section (Berlin) 8, 187, *rep.* effects (Krenchel) 9, 415, *rep.* relationship of the origin and intracranial course of the ophthalmic artery to (Fawcett) 30, 49-52

of orbital, sympathetic and parasympathetic, cat (Christensen) 70, 225-32

palatine, of frog, structure (Stirling & Macdonald) 17, 293-307

parasympathetic, to ciliaris oculi and sphincter pupillae (Warwick) 86, 492, *P.* of eye, mesencephalic origin (Warwick) 88, 71-93 (*Macaca mulatta, cat*) of glands, submandibular and sublingual salivary, cholinesterase (Snell) 92, 534-43; 92, 641, *P.*

peroneal, *see* Nerves, popliteal, lateral

phrenic (Spedl) 7, 330, *rep.* connections, sub-diaphragmatic (Jones) 68, 148-9, *P.* with contributions from descendens hypoglossi (Turner) 27, 427 course, embryo (Amin) 48, 215-18 left, anterior to subclavian vein (Fawcett) 28, 464, *anat. not.* origin, spinal and roots, rhesus monkey (Mitchell, Samuel & Warwick) 88, 562, *P.* *Phoca vitulina*, experiments (Tomlinson, Harrison & Warwick) 92, 658, *P.* quantitative studies (Wilson) 99, 953, *P.A.S.A.N.Z.* (*cat*) variations (Curnow) 7, 309 abnormal relation to subclavian vessels, 22, xviii, *P.* unusual course of (Koster) 4, 338-9, *n.* accessory, 1 case (Larkin) 23, 340 variation (Turner) 8, 298 (*man*)

plantar, medial, branches to 4½ digits (Hepburn) 30, 579

Subject Index

Nerves, named (*cont.*)

- pneumogastric, *see* Nerve, vagus
- popliteal, lateral, peculiar relation to femoral head of biceps femoris (Asar) 72, 305, *anat. not.*
- variation (Cunningham) 33, 353 (*ref. only*)
- to quadratus femoris, supplying adductor magnus in man (Wilson) 23, 354-7 (1 *case*)
- radial, paralysis, intrauterine, 33, 512, *rep.*
- and ulnar, communications between (Elliot Smith) 38, 162-3
- variations, absence (Hepburn) 21, 511-13
- complete absence of cutaneous branch and anomalous distribution of musculocutaneous nerve (Appleton) 89-94
- cutaneous distribution (Savory) 3, 212, *rep.*
- traversed by subscapular artery, 2 cases (Fahrer) 98, 485-6, *P.A.S.A.N.Z.*
- to rhomboids, cutaneous branch, unusual distribution (Dixon) 30, 209-10 (1 *case*)
- saphenous, anomaly in foot (Harman) 33, xxii-iv, *P.*
- long, variation (Meyer) 5, 378, *rep.*
- sciatic, accumulation of noradrenaline in proximal and distal parts of adrenergic axons after compression (Dahlström) 99, 677-89 (*rat*)
- band, fibrous pressing on antero-lateral border (Parkes) 71, 419, *anat. not.*
- blood supply, effects of exclusion of its regional sources, rabbit (Adams) 77, 243-50
- cholinesterase appearances after section (Holmes) 91, 588, *P.*
- lowest root of in 27 subjects (Collective Investigation) 29, 45-6
- relation to pyriformis muscle (Committee of Collective Investigation) 31, 35-6 (138 *observations*) 31, 620 (12 *subjects*); (Parker) 71, 149, *P.*
- segment, proximal, nuclear population after section or crush (Logan, Rossiter, Barr) 87, 419-22
- and the sympathetic cervical chain (Eulenberg & Landois) 11, 545, *rep. (dog)*
- trunk, blood supply, clearance of ^{24}Na (Blunt & Stratton) 88, 571, *P.*
- secretory-motor and trophic of submandibular gland (Heidenhain) 13, 121-2, *abs. (dog, rabbit)*
- secretory and vaso-motor (Vulpian) 13, 261-2, *abs. (expts.)*
- sensory, distribution, cutaneous, mapped by action-potential recording (Frankenhaeuser) 83, 57, *P.*
- of frog's leg, effect of local application of chlorides, bromides and iodides of ammonium, potassium and sodium on (Ringer & Morshead) 12, 58-72
- and motor, cross-union, effects of (Vulpian) 9, 219, *rep. (expt.)*
- irritation of, warming effects on nerve centres (Schiff) 5, 210, *rep.*
- rate of transmission of nervous current in (Bloch) 11, 544, *rep.*
- termination, mode, significance (Cauna) 92, 640, *P.*
- sinus, and aortic of lion and badger (Amoroso *et al.*) 85, 411, *P.*
- somatic, regeneration (Simpson & Young) 79, 48-65
- spinal (Boll) 8, 399, *rep.*
- arrangement, patterned, to rabbit ear (Weddell, Taylor & Williams) 89, 317-42
- blood supply, and of ganglia (Tonkoff) 33, 503, *anat. not.*
- and cranial (Gaskell) 23, v-vi, *P.*
- distribution (Paterson) 30, 530-8; 30, xxi-xxii, *P.*
- lymphatic drainage, rabbit (Field & Brierley) 82, 198-206; 83, 76, *P.*
- Myxinoidea (Goodrich) 72, 158-9, *P.*

- origin, course and number to ear, rabbit (Weddell, Pallie & Palmer) 89, 162-74
- of porpoise and dolphin (Cunningham) 11, 209-228
- posterior primary divisions, cutaneous branches (Johnston) 43, 80-92; 43, ii (July 1907) (*t.o.*)
- of *Rana esculenta* (de Watteville) 9, 145-62
- and regional of hind-limb of thylacine and cuscus (Cunningham) 15, 265-77
- roots, connective tissues, electron-microscopy, comparative, rat (Gamble) 98, 17-25
- transfixing by needle (Hepburn) 22, viii-ix, *P.*
- posterior, irritability of anterior (Cyon, E., von Bezold & Uspensky) 2, 412-13 *rep.*; (Cyon) 8, 399, *rep. (frog)*; (Heidenhain) 6, 472, *rep.*; (Steinmann & Cyon) 6, 221-2, *rep. (frog)*
- excitability of central end after section (Gian-nuzzi) 5, 396, *rep.*
- relations of, to vertebrae (Reid) 23, 341-53 (6 *adults*); 23, ix-x, *P.*
- variations and of cranial (Turner) 6, 101-6
- of whale, foetal (*Megaptera nodosa*) (Romanes) 79, 145-56
- see also* Rami
- splanchnic, accumulation of noradrenaline in proximal and distal parts of adrenergic axons after compression (Dahlström) 99, 677-89 (*rat*)
- and coeliac ganglion (Bidder) 4, 304, *rep.*
- greater, afferent fibres (Beattie) 71, 150, *P. (t.o.)*
- inhibition of intestinal movements, by stimulation of (Basch) 8, 417, *rep. (dog)*; (Honckgeest) 8, 417, *rep. (dog)*
- of pelvis (Harman) 33, 386-99
- cells of origin of (Goltz) 8, 186, *rep. (dogs)*
- stimulation (Honckgeest) 9, 215, *rep. (animal expts.)*
- and major abdominal ganglia, horse (Dyce) 92, 62-73
- vaso-motor action of (Vulpian) 8, 187, *rep. (curarised dog)*
- splenic, stimulation, effects on size of spleen and liver (Drosdoff & Botschetschkaroff) 11, 204-5, *rep. (dog)*
- to subclavius, variation (Turner) 8, 298
- sudomotor, in cat (Vulpian) 13, 260-1, *abs.*
- suracilavicular, variation (Turner) 8, 298
- sural, anomaly in foot (Harman) 33, xxii-iv, *P.*
- growth changes after remyelination (Quilliam) 92, 383-98 (*rabbit*)
- sympathetic, action on secretion of urine, 5, 216, *rep. (animal)*
- of aorta and intercostal arteries (Tebbs) 32, 308-11
- and brachial plexus (Woodard) 66, 147-8, *P.*
- of cerebral vessels (Nothnagel) 2, 412, *rep.*
- cervical portion, physiology and pathology (Ogle) 4, 323, *rep. (1 case)*
- effects of stimulation on iris (Grünhagen) 5, 400, *rep.*
- of heart (Beattie) 63, 165, *P. (t.o.)*
- influence on intraocular pressure (Adamük), 2, 192, *rep.*
- innervation of eye, trophic effects (Sinitzin) 5, 399, *rep.*
- of lumbar and sacral regions, hypertrophy of associated with scoliosis (Cunningham) 9, 306-10
- of narial muscles of crocodilia (Bellairs & Shute) 87, 367-78; 87, 448, *P.*
- structure of terminal cord, and of peripheral portion (Luchtmans) 1, 363, *rep.*
- and vagus, in mammalia (Sonntag) 59, 8-11, *S.P.*
- relationship, vertebrates (Kiss) 66, 153-6, *P.*
- and superior laryngeal, influence upon blood pressure and pulse (Aubert & Roever) 3, 461-2, *rep. (curarised animals)*

Subject Index

Nerves, named, (cont.)

to teres minor, pseudoganglion, (Gitlin) 91, 466-70
 terminalis and vomeronasal, in human embryo (Mohuiddin) 81, 390, P.
 thoracic, first and second, connections between (27/37 dissections) (Cunningham) 11, 539-40
 2nd and brachial plexus, relations (Adolphi) 33, 353 (*ref. only*)
 12th, and lumbar 1st, distribution (Collective Investigation, Anatomical Society) 26, 81-2 (83 subjects)
 variations, in man (Griffin) 26, 48-55
 lateral cutaneous nature of (Birmingham) 23, 206-23
see also Nerve, intercostal
 tibial, anterior, distribution of, in foot (Cunningham) 13, 398-9
 variations (Harman) 33, xxii-iv, P.
 posterior, termination (Whittaker) 40, 186-7
 trifacial, *see* Nerve, trigeminal
 trigeminal, *The development of the branches of the fifth cranial nerve in man* (Dixon) 31, 163-4, *rev.*
 alcohol injection, observations (Woollard & Carmichael) 67, 204-5, P.
 central connections and relations (Turner) 29, 1-15 (*kitten, human foetus, monkey after section of nerves, man after bulbar paralysis*)
 communications with extrapetrous facial nerve, histology, rabbit (Bowden & Mahran) 94, 375-86
 division in the rabbit: results (Rosow & Snellen) 1, 364-6, *abs.*
 effects of section on intra-ocular pressure (Hirschberg) 9, 415, *rep.*
 evidence of prosomatic appendages given by course of, origin of vertebrates from study of ammonoetes part VII (Gaskell) 34, 537-61; 34, xxvi, P. November, 1899
 and facial, unsymmetrical distribution of, in fishes (Collinge) 29, 352-4 (*Clarius, Esox, Amiurus, Gadus*)
 keratitis after section (Eberth) 8, 187, *rep.*; (Senffleben) 10, 634, *rep.*
 mesencephalic root, experimental, (Woollard) 72, 166-7, P. (*disc. only*)
 ophthalmic division, cornea, trophic innervation of, (Meissner, Schiff) 2, 191, *rep.*
 relations of main divisions (Symington) 45, 183-9
 sensory root, relation to superior petrosal sinus (Coates) 68, 428, *anat. not.*
 fibres, disposition (Stibbe) 71, 139, P.
see also Nerves, cranial; Tract, trigeminal; Placodes
 trochlear, decussation (Exner) 10, 204, *rep. (animal expts.)*
 IV, development in rat (Dixon) 32, xviii, P.
 variation (Turner) 8, 297-8
see also Nerves, cranial
 trophic (Rolleston) 5, 210, *rep.*
 and vasodilator, (Bernard) 9, 413, *rep. (animals)*
 ulnar, deep, terminal branch (Anderson) 28, x-xii, P.
 dorsal branch, distribution (Kosinski) 61, 509-11, P.
 and median, communication between, in forearm (Pye-Smith, Howse & Davies-Colley) 5, 378, *rep.*; (Gruber) 5, 378, *rep. (man, mammals)*; 63/406 cases (Collective Investigation) 27, 192-4
 palsy, movements of digits (Bowden, Napier & Whillis) 84, 76, P.
 and radial, communications between (Elliot Smith) 38, 162-3

variations (Curnow) 7, 309; (Turner) 8, 299
 anomalous position anterior to the medial epicondyle (Gruber) 2, 394, *rep.*
 distribution, cutaneous (Thompson) 69, 159-64
 dorsal (Gruber) 6, 436, *rep.*
 absence (Hepburn) 21, 512; (Giacomini) 6, 436-7, *rep.*
 anomalous (Hepburn) 21, 512; (Elliot Smith) 38, 162-3
 vagus, abdominal distribution (McCrea) 59, 18-40
 anatomy and histology, in Selachians (Shore) 23, 428-51
 cardiac depressor (Kowalewsky, Adamük, & Bernhardt) 3, 461, *rep. (cat)*
 cardiac inhibition of (Goltz) 3, 461, *rep. (frog)*; (Meyer) 7, 180, *rep. (Arloing & Tripier)* 7, 180, *rep.*; 9, 222, *rep.*; 8, 193, *rep. (turtle)*; 8, 404, *rep.*; 6, 236-7, *rep. (rabbit)*; 2, 409, *rep.*
 right and left (Tripier & Arloing) 11, 557-8, *rep. (ass, horse, rabbit)*
 effects of chemical irritation of (Mosso) 8, 193, *rep. (atropinised dogs)*
 carotid sheath, anterior content (Windle) 21, 336, *anat. not (1 case)*
 central connections and relations (Turner) 29, 1-15 (*kitten, human foetus, monkey after section of nerves, man after bulbar paralysis*)
 changes in lungs, after section of (Genzmer) 8, 185, *rep.*
 effect of stimulation of central end on bladder (Oehl) 4, 185, *rep.*
 effect of section upon the action of emetics and cathartics (Wood) 5, 208, *rep.*
 effect of stimulation of, on isolated frog heart (Coats) 4, 324-5, *rep.*
 effect of stimulation of lower end of on spleen (Oehl) 4, 185, *rep. (cat, dog, rabbit)*
 fibre composition, histological and functional study, rabbit (Evans & Murray) 88, 320-37
 influence on alveoli of lungs (Schiff) 6, 234, *rep.*
 influence on arterial blood-pressure (Dreschfeld) 2, 408-9, *rep.*
 influence on convulsions (Brown-Séguard) 7, 343, *rep. (guinea-pig)*
 influence on vascular system (Rutherford) 3, 402-16
 intracranial and extracranial parts (Fahmy) 61, 298-301
 laryngeal branches effect on respiration (Burkart) 3, 210-11
 superior and sympathetic, influence upon blood-pressure and pulse (Aubert & Roeber) 3, 461-2, *rep. (curarised animals)*
 latent period (Donders) 5, 210, *rep. (rabbit)*
 morphology (Shore) 22, 372-90 (*amphioxus, lamprey, elasmobranchs, frog, chick*)
 paralysis (Guttman) 8, 399, *rep.*
 physiological experiments on (Legros & Onimus) 7, 343, *rep.*
 physiology (Aloing & Trissier) 8, 185, *rep.*; (Rosenbach) 11, 557, *rep.*
 placode epibranchial, sheep (Batten) 91, 471-89
 pulmonary branches, function (Hering) 3, 462, *rep.*
 regeneration, rabbit (Murray & Evans) 86, 478, P.
 relation to accelerans (Baxt) 11, 557, *rep. (expts.)*
 relation to bladder (Kehrer) 2, 192, *rep.*
 and respiratory movements (MacGillavry) 2, 433-4, n.; (Mayer) 10, 212, *rep. (animal expts.)*
 structure (Barratt) 32, 422-7
 and sympathetic, in mammalia (Sonntag) 59, 8-11, S.P.
 relationship, vertebrates (Kiss) 66, 153-6, P.
 vasodilator in rabbit (Cyon & Ludwig) 2, 190-1, *rep.*

Subject Index

Nerves, named, *vagus* (*cont.*)
 variation, anomalous arrangement (Lucas Keene) 49, 341-2
 position anterior to common carotid arteries, bilateral (Gibson) 49, 389-92
vascular, of limbs, upper and lower, composition and distribution (Woollard & Weddell) 69, 165-76
vasodilator (Goltz & Freusberg) 9, 213, *rep.*; 9, 409, *rep. (expts.)*; 10, 628-31, *rep. (dog, kitten)*
 physiology (Vulpian) 8, 399, *rep.*; 9, 214, *rep.*
 and vasomotor of cutaneous vessels (Ostroumoff) 11, 187-90, *rep. (dog)*
 and trophic (Bernard) 9, 413, *rep. (animals)*
vasomotor, of arteries and muscles (Ludwig & Hafiz) 6, 229-30, *rep. (dog, rabbit)*
 in cervical sympathetic chain and sciatic nerve (Eulenberg & Landois) 11, 545 (*dog*) *rep.*
 deep origin of (Vulpian) 9, 216, *rep. (mammals, including man)*
 doctrine of reflex stimulation of (Cyon) 8, 403, *rep.*
 of ear (Moreau) 7, 347, *rep. (rabbit)*
 effects of intravenous injections of chloral upon (Heger & Stiénon) 10, 654, *rep.*
 relative frequency in different parts of the extremities (Norris & Woollard) 68, 126, *P. (t.o.)*
 researches (Bowditch) 9, 412, *rep.*
 and secretory (Vulpian) 13, 261-2, *abs. (expts.)*
 of striped muscle (Gaskell) 11, 720-53 (*frog*)
 and vasodilator of cutaneous vessels (Ostroumoff) 11, 187-90, *rep. (dog)*
vestibular, connections with labyrinth (Shute) 85, 359-69
vomerolateral and terminalis, in human embryo (Mohiuddin) 81, 390, *P.*
 of Wrisberg, *see* Nerves, cutaneous, of arm, medial
 Nerves of organs and regions
cerebral, of *Rana esculenta* (de Watteville) 9, 145-62
 of cornea (Pettermöller) 3, 455, *rep. (rabbit, guinea-pig)*; (Hoyer) 7, 331, *rep. (vertebrates)*
 of cranium, and upper limb, distribution (Bankart, Pye-Smith & Phillips) 3, 451, *rep.*
The cranial nerves. Anatomy and anatomico-clinical correlations (Brodal) 1965, 100, 206-7, *rev.*
 of epiglottis, a method of demonstrating (Stirling) 17, 203
 of eye, motor, sensory components (Stibbe) 64, 112-13, *P.*
 of heart (Woollard) 60, 345-73; 60, 483, *P.*
 and ductus arteriosus (Holmes) 91, 606, *P. (guinea-pig, rabbit)*
inhibitory, Das Hemmungsnervensystem des Herzens. Eine vergleichend physiologische Studie (Meyer) 1869, 3, 445-6, *rev.*
 tracing pathway (Williams) 98, 683, *P. (animal)*
 sympathetic nervous control (Beattie) 63, 165, *P. (t.o.)*
 ventricle (Blackhall-Morison) 60, 143-5; 60, 469, *P. (t.o. & disc)*
 of hilum vessels of kidney, distribution (Tyson) 4, 304, *rep. (pig)*
 of hypophysis cerebri (Green & Harris) 80, 247, *P.*
see also Hypophysis, cerebri, innervation
 of intestine, effects of section (Moreau) 3, 214, *rep. (dog)*
 of larynx (von Luschka) 4, 304, *rep.*
 terminal distribution (Dilworth) 59, 14, *S.P.*
 of limbs, lower, distribution (Paterson) 28, 169-93; (Meyer) 4, 305, *rep. (frog)*
 sympathetic, distribution (Woollard & Phillips) 67, 18-27

upper and lower, in anthropoid apes (Hepburn) part I, upper limbs, 26, 149-86; part II, lower limbs, 26, 324-56
 blood-supply (Ramage) 61, 198-205
 distribution, variabilities and their clinical significance (Linell) 55, 79-112
 of thylacine (*Thylacinus cynocephalus* or *harrisii*) and cuscus (*Phalangista maculata*) (Cunningham) 12, 427-33
 of liver (Nesterowsky) 10, 446, *rep.*
 of lungs, of newt (Stirling) 16, 96-105
 to nictitating membrane of cat (Thompson) 95, 371-85
 of oesophagus and stomach, physiological experiments on (Goltz) 7, 350-1, *rep. (frog)*
 of pancreas (Pflüger) 4, 156, *rep.*
peripheral, Peripheral nerve injuries (Bowden) 1958, 93, 269, *rev.*
The anatomy of the peripheral nerves (Paterson) 1919, 54, 100, *rev.*
Nerves of the human body (Whittaker) 54, 100, *rev.*
 arterial branches (Coates) 66, 499-507
 autografts, histology (predetermined) in man (Barnes, Bacsich & Wyburn) 80, 228, *P.*
 fibre composition, variability (Tomasch & Britton) 90, 337-49
 alkaline phosphatase in normal and degenerated (Marchant) 83, 227-37
 blood supply, after experimental crush injury (Bacsich & Wyburn) 79, 9-14
 upper limb (Ramage) 61, 198-205
 foetal, electron microscopy (Gamble & Breathnach) 99, 573-84; (Gamble) 100, 487-502
 injuries, cellular response, distal response (Thomas) 100, 287-303 (*rabbit, rat*)
 tissue, connective, electron microscopy (Thomas) 97, 35-44 (*rabbit*)
 comparative, rat (Gamble) 98, 17-25 (Gamble and Eames) 98, 655-63; 98, 478, *P.*
 effect of crushing, on nuclear population of contralateral nerve (Wendell-Smith) 98, 482, *P.A.S.-A.N.Z.*
 effect of temperature regeneration, maturation, (Goldby & Jha) 92, 667, *P.*
 on the rate of degeneration and regeneration in (Gamble, Goldby & Smith) 91, 567-8, *P. (Lacerta viridis)*
 regeneration, effect of interference with blood supply (Bacsich & Wyburn) 79, 74-82
 unfixed sections (Williams) 92, 650, *P.*
 vascular bed, intrinsic (Durward) 80, 228, *P. (rabbit)*
 of salivary glands (Mayer) 4, 304-5, *rep.*
 of skin, postulated presence of inhibitory fibres (Fick & Erlenmeyer) 5, 209-10, *rep.*
 distribution, and of monoamine oxidase and cholinesterase, cattle (Jenkinson *et al.*) 100, 593-613
 of stomach and oesophagus, physiological experiments on (Goltz) 7, 350-1, *rep. (frog)*
 of taste (Lussana) 6, 227, *rep.*
see also Taste
 of teeth (Stewart) 70, 193, *P. (t.o.)*
 deciduous, fate (Mohiuddin) 84, 319-23
see also Nerve, dental
 of testis (Letzerich) 3, 199, *rep.*
 of thigh, post-axial tetrapods (Appleton) part I, 62, 364-400, part II, 401-38
 of uterus, Die Nerven der Gebärmutter und ihre endigung in den glatten Muskelfasern (Frankenhäuser) 1867, 2, 389-90, *rev.*

Subject Index

- Nerves of organs and regions (cont.)**
intrinsic (Spiro & Bulmer) 99, 421-2, *P. (rat, rabbit, guinea-pig, monkey)*
vas deferens, sympathetic, and smooth muscle (Merrillees *et al.*) 97, 484, *P.A.S.A.N.Z. (guinea pig)*
vascular, of upper limb (Frey) 9, 392, *rep.*
of vibrissae, growth, postnatal (Fitzgerald) 96, 521-5 (*pig*)
visceral, intrinsic (Mitchell) 87, 438-9, *P.*
regeneration (Simpson & Young) 79, 48-65
- Nervous system, see Systems**
- Nestor**, tongue (Garrod) 8, 177, *rep.*
- Neurectomy**, nerve stump following, fine structure (Barton) 98, 285-7, *P.*
- Neurin**, composition (Dybkowski) 2, 180, *rep.*
synthesis (Wurtz) 2, 430, *rep.*
- Neurites**, embryonic, growth in tissue culture, chick (Hughes) 87, 150-62; 87, 446, *P.*
- Neuritis**, retro-bulbar, pathology (Turner) 24, 504-8
- Neuroanatomy, Neurological anatomy in relation to clinical medicine** (Brodal) 1948. 83, 385, *rev.*
Textbook of neuroanatomy (Elliott) 1964. 99, 403, *rev.*
Neuro-anatomy (Globus) 6th ed. 1934. 68, 576, *rev.*
Practical neuroanatomy (Globus) 1937. 72, 636, *rev.*
Functional neuroanatomy (Krieg) 76, 408-9, *rev.*
A textbook of neuroanatomy (Kuntz) 2nd ed. 1936. 71, 550, *rev.*
Travaux du laboratoire de recherches biologique de L'Université de Madrid (Ramon y Cajal) 1927, vol. xxv, Fasc. 1. 63, 146-7, *rev.*
Basic neuroanatomy (Smith) 1961, 96, 409, *rev.*
Strong & Elwyn's Human neuroanatomy (Truex) 4th ed. 1959. 94, 445-6, *rev.*
- Neurobiology, International Review of neurobiology**, vol. 4, 1962. 98, 277-8, *rev.*; vol. 5, 1963. 99, 399, *rev.*
- Neurobiotaxis, Three lectures on neurobiotaxis and other subjects delivered to the University of Copenhagen** (Kappers) 1928. 63, 396, *rev.*
anuran embryos (May) 61, 500-1, *P.*
- Neuroblasts**, migration in developing cerebral cortex (Berry & Rogers) 99, 691-709 (*rat*)
of cerebral cortex, migration, pattern and mechanism (Berry *et al.*) 98, 291-2, *P. (rat)*
mitotic, precursors in mouse neuroepithelium (Smart) 99, 212, *P. (dem.)*
motor, of anterior cornu of neural tube, origin (Dart & Shellshear) 56, 77-95
- Neurogenesis**, autonomic, chick (McBride) 72, 626, *P. (dem.)*
ependymal choke in (Smart) 99, 941-3, *P. (dem.)*
- Neuroglia, Morphology of neuroglia** (Nakai, ed.) 1962. 98, 138, *rev.*
cell types, ultrastructure (Wendell-Smith *et al.*) 100, 943, *P.A.S.A.N.Z.*
comparative study (Eurich) 32, 688-708
nature (Henle & Merkel) 3, 450-1, *rep.*
supporting tissue of central nervous system (Magnan & Hayem) 2, 394-5, *rep.*
see also Astrocytes, Macroglia and Microglia
- Neurohistochemistry** (ed. by Adams) 1965. 100, 676-7, *rev.*
- Neurohistology**, and sensibility, cutaneous of human pinna (Sinclair, Weddell & Zander) 86, 402-11
- Neurohypophysis, see Hypophysis cerebri**, lobe, posterior
- Neuro-keratin**, Platner's stain for (Stirling) 24, 607-8
- Neurology, comparative, Comparative neurology** (Papez) 1929. 64, 540, *rev.*
Elliot Smith's contributions (Woollard) 72, 280-94
- Neuroma**, medullary (or ganglionic) in third ventricle (Osler) 15, 217-25 (*girl*)
- Neurone theory** (Barker) 33, 353, *anat. not.*
- Neurons, see Cells, nerve**
- Neuropathology, Vergleichende Neuropathologie des Menschen und der Tiere** (Frauchiger & Fankhauser) 1957. 92, 318-19, *rev.*
- Neurophysiology, Some problems in neurophysiology** (Bremer) 1953. 87, 433-4, *rev.*
- Neuropore**, anterior, morphology, and of brain, anterior end (Hill & Watson) 59, 12-13, *S.P.*
- Neurosecretion** (Keller & Clark) 1962. 97, 132, *rev.*
distribution of ^{35}S in hypothalamo-neurohypophyseal system following intracisternal injection of ^{35}S DL-cysteine, rat (Arnott & Sloper) 92, 635, *P.*
in relation to neurohypophysis and hormones of posterior lobe (Sloper) 88, 576-7, *P.*; 89, 301-16 (*dog, cat*)
- Neurosis**, cardiac (Jones) 23, 583-6 (1 case)
- Neurotropism**, expt., anuran embryo (May) 61, 500-1, *P.*
- New Britain**, masks from, *Ueber Schädel-Masken aus Neu-Britannien besonders eine mit einer Kopferletzung* (Bartels) 1896. 31, 165, *rev.*
- New Guinea**, skull, abnormal, remarks on structure of mandible (Burkitt & Gullberg) 59, 95-6, *S.P.*
3 (Cunningham) 29, xviii, *P.*
decorated, sculptured (Turner) 32, 353-61
- New Ireland**, masks from, *Ueber Schädel-Masken aus Neu-Britannien besonders eine mit einer Kopferletzung* (Bartels) 1896. 31, 165, *rev.*
- Newt**, histology of striped muscle and tail (Stirling) 16, 94-5
nerves of the lungs of (Stirling) 16, 96-105
see also Triton cristatus
common American, *see Diemyctylus viridescens*
- Nickel**, and cobalt, physiological action of (Stuart) 17, 89-123 (*frog, pigeon, guinea-pig, rabbit, rat, dog*)
and other inorganic substances, effects of intravenous and intra-arterial injections (Blake) 4, 201-8 (*dog*)
- Nicotia**, effects on intestinal movements (Basch & Oser) 8, 225-6, *rep.*
physiological action of, in relation to excessive smoking (Blatin) 4, 316, *rep.*
quaternary ammonium salts of, connection between chemical composition and physiological action (Brown) 2, 224-42
- Nigerians**, Western, femora, extremities, lower and upper, facets and imprints (Kostick) 97, 393-402
- Nilotic tribes of the Sudan**, physical characters (Butler) 92, 669, *P.*
- Nipple(s)**, position (Kirchner) 33, 354 (*ref. only*)
quiescent, innervation (Cathcart, Gairns & Garven) 84, 67, *P.*
structure of in *Didelphys* (Gegenbaur) 10, 454, *rep.*
in *Mus* (Gegenbaur) 10, 454, *rep.*
supernumerary (von Bardeleben) 27, 421, *rep.*; 32, 789-90, *rep.*; 38, 367, *rep.*
hypermastia and polymastia, in 1 case (Rosanow) 39, 505, *rep.*
in a male (Gruber) 10, 454, *rep.*
statistics (*see note at end of paper on toe lengths*) (Skinner) 66, 123-4
107,000 observations (von Bardeleben) 28, 376, *rep.*
and mammary glands (Bruce) 13, 425-48 (61/3956 cases)
see also Polythelia

Subject Index

- Nissl material (substance)**, behaviour of nucleolus, sex chromatin and accessory body of Cajal during depletion and restoration (Lindsay & Barr) 89, 47-62 (*cat*)
- in neurones, developing (Hughes & Lewis) 94, 290, *P.* (*amuran tadpole*)
- motor depletion and restoration, behaviour of nuclear structure during (Barr & Bertram) 85, 171-81 (*cat*)
- and organization within neurones (Wyckoff & Young) 88, 568, *P.*
- of spinal ganglion cells, considered with cytoplasmic filament and nuclear membrane, electron microscope study (Dawson & Wyburn) 89, 573 (*rabbit*)
- Nitric acid**, toxic action of (Starkow) 8, 222-3, *rep.* (*animals*)
- Nitric oxide**, expulsion from blood (Rodplinski) 8, 197, *rep.*
- Nitrification**, by enzymes (Schloesing & Müntz) 13, 241-2, *abs.*
- Nitrite(s)**, erythrocyte sensitivity to, effect of age, pregnancy and malignant disease (Metcalf) 94, 579, *P.*
- and nitro-glycerine, pharmacology of (Atkinson) 22, 225-39; 22, 352-71 (*frog, rabbit, dog, man*)
- sensitivity reaction, haemoglobin, and environmental factors (Metcalf) 98, 687, *P.*
- of experiments with teratogenic and related dyes (Metcalf) 96, 420, *P.* (*rat*)
- radiation and immunization (Metcalf) 98, 464, *P.* (*rat*)
- importance of previous radiation history (Metcalf) 98, 292, *P.* (*rat*)
- see also Haemoglobin
- of thalidomide and pyridoxine (Metcalf) 97, 308-9, *P.* (*rat*)
- of thalidomide and the vitamin B complex (Metcalf) 97, 479, *P.*
- Nitrobenzol**, and glycosuria (Mering) 10, 650, *rep.* (*dog, rabbit*)
- actions of (Guttman), 1, 155, *rep.*
- Nitrogen**, consumption and excretion in milch goats (Stohmann) 4, 181, *rep.*
- elimination of, during rest and exercise (Parkes) 2, 181-2, *rep.*
- estimation in, albumin (Maerker) 8, 411, *rep.*; (Ritt-hausen) 8, 410, *rep.*; (Kreussler) 9, 426, *rep.*
- in protein (Seegen & Nowak) 9, 234, *rep.*
- excretion (Seegen) 6, 464, *rep.* (*dog*)
- in severe exercise, (Flint) 6, 461-4, *rep.*; 11, 109-17
- in fever (Huppert & Riesell) 4, 181, *rep.*
- ingested (Sicwenow) 3, 470-1, *rep.*
- during starvation (Seegen) 6, 471, *rep.*
- intake and corresponding output in urine (Worowschiloff) 8, 205-6, *rep.*
- metabolism, thyroidectomy and (Parsons) 35, 476-86
- mustard, changes in glycogen granules of liver after treatment with (Barton) 98, 299, *P.* (*dem.*) (*mouse*)
- limb abnormalities in *Xenopus* after use (Tschumi) 88, 566, *P.*
- muscle content of (Schenk) 7, 357, *rep.*
- protoxide, action of on germination and respiration (Jolyet & Blanche) 8, 409, *rep.*
- Nitroglycerine**, and nitrites, pharmacology of (Atkinson) 22, 352-71 (*frog, rabbit, dog, man*)
- toxic action of (Starkow) 8, 222-3, *rep.* (*animals*)
- Nitro-pentans**, -aethans and -methan(e)s, action of (Fiehlne) 11, 570, *rep.*
- Nitrous oxide**, effects of inhalation (Amory) 5, 390, *rep.*; (MacIaren) 5, 389-90, *rep.*
- in pulmonary disease (Holden) 5, 390, *rep.*
- effects on plants and animals (Jolyet & Blanche) 8, 221, *rep.*
- Noctiluca miliaris** (Cienkowski) 7, 338, *rep.*
- Node(s)** atrioventricular, of heart (Walls) 79, 45-7
- malformed its nature, connections and distribution (Morison) 47, 459-78
- auriculo-ventricular**, see Node atrioventricular
- cardiac**, nerves of (Bhargava & Williams) 98, 684, *P.* (*rabbit*)
- haemolymph** (Selye & Schenker) 73, 412-15 (*rat*)
- dorsal (Meyer) 48, 111
- iron pigment lymph**, see Nodes, haemolymph
- lymph**, see Lymph nodes
- neuro-muscular**, at junction of superior vena cava and right auricle (Keith) 41, ix, *P.* (January 1907) (*dem.*)
- of Ranvier, asymmetry, mammals, experimental study (Williams & Kashef) 95, 610, *P.*
- axonal narrowing (Young) 83, 55, *P.*
- centrifugal structural changes at in degenerating nerves, mammals (Causey & Palmer) 87, 185-91; 87, 439, *P.*
- dimensions (Young) 86, 476, *P.*
- ultrastructure (Williams & Landon) 100, 437, *P.*
- sinu-atrial**, development, sheep (Muir) 85, 430, *P.*
- innervation (Morison) 46, 319-27
- structure, position and relationships (Keith) 43, iii, *P.* (July 1907)
- sino-auricular**, see Node, sinu-atrial
- Nomenclature**, anatomical (Pye-Smith) 12, 154-75; (Macalister) 28, xvi-xvii, *P.*; (Gegenbaur) 33, 357 (*ref. only*)
- Erläuterndes anatomisches Wörterbuch* (Donath) 1960, 95, 139, *rev.*
- Nomina anatomica* (International Anatomical Nomenclature Committee, New York) 2nd ed. 1961, 96, 320, *rev.*
- The Basle anatomical nomenclature* (Jamieson) 1916, 51, 400, *rev.*
- discussion (Johnston) 63, 159, *P.*; 63, 167, *P.*
- report (Wilder) 33, vii-viii, ix-xv
- German Committee, 28, vii-ix, *P.*
- of Committee (Association of American Anatomists) 32, 800-2
- of movements of ankle joint (Humphry) 28, xv-xvi, *P.*; (Thane) 28, xvi, *P.*
- cerebral (Broca) 13, 266 (*t.o.*); comment by Turner, 13, 270
- myological, comparative (Windle & Parsons) 31, 522-9; 31, xxxviii, *P.*
- of great veins and heart of eutherian foetus (Amoroso, Barclay, Franklin & Prichard) 76, 224-5, *P.*
- vertebral, antiquity (Cave) 72, 169-70, *P.*
- Noradrenaline**, accumulation in proximal and distal parts of peripheral adrenergic nerves after compression (Dahlström) 99, 677-89 (*rat*)
- granular material in chromaffin cells (Coupland & Hopwood) 99, 191-2, *P.* (*cat, rat, mouse, fowl, frog*)
- reaction with glutaraldehyde (Hopwood & Coupland) 99, 191, *P.*
- storing granules, mechanism of the differential staining reaction in tissues fixed in glutaraldehyde (Coupland & Hopwood) 100, 227-43
- Norma frontalis**, horizontal cones, modern & fossil man, Craniometric memoirs, No. IV (Cameron) 66, 114-22
- and verticalis, reconstruction (Parsons) 45, 242-8
- Norris**, R., Invisible blood corpuscle of (Gibson) 18, 393-9

Subject Index

- Norway**, skulls (Arbo) 33, 356 (*ref. only*)
- Nose**, *Verebung anatomischer Variationen der Nase, ihrer Nebenhöhlen und des Gehörorgans* (Leicher) 1928, 63, 499-500, *rev.*
- absence, with nares, anterior, absent 37, 306, *rep.*
- airway, animals and man (Negus & Crichtlow) 92, 648, *P.*
- anatomy, methods of study (Negus) 88, 558, *P.*
- Australian aboriginal (Burkitt & Lightoller) 59, 58, *S.P. (t.o.)*
- cleft, *see* Cleft nose
- congenital abnormality, 38, 366, *rep.*
- double, 37, 306, *rep.*
- epithelium, ciliated, transition into squamous epithelium of the pharynx (Bryant) 50, 172-6
- external, in anthropoid apes (Dixon) 59, 67-9, *S.P.*
- importance of (Naish) 59, 91, *S.P.*
- of Indian elephant (Miall & Greenwood) 13, 17-50
- route of infection from, to brain (Le Gros Clark) 64, 121, *P.*
- vascular arrangements (Dawes & Prichard) 87, 311-22 (*cat, dog, goat, pig, rabbit, rat, sheep*)
- see also* Cavity, nasal
- Notch**, glenoid, anterior (Martin) 67, 209, *P. (disc. only)*
- anterior, and torsion of humerus (Martin) 67, 573-82; 67, 209, *P. (disc. only)*
- sacro-sciatic, anatomical and obstetrical significance (Cave) 72, 140-2, *P.*
- Notes**, high-pitched, perception (Rüdinger) 8, 187, *rep.*
- Notochord**, development, early, ferret (Hamilton) 70, 196, *P.*
- duplication of upper cervical part, and other defects in 6 mm. embryo (Morton) 92, 644, *P.*
- in human embryo, 11 mm. (Johnston) 66, 48-9; 66, 135, *P.*
- fate of (Carlier) 24, 573-84 (*sheep*)
- histochemistry and fine structure, rabbit embryo (Leeson, T.S. & C.R.) 92, 278-85; 92, 636, *P.*
- origin, in vertebrates (Gaskell) 40, 305-17
- persistence (Musgrove) 25, 386-9 (1 *case*)
- Notomelus**, 1 *case*, 35, 500, *rep.*
- Notoryctes** (marsupial mole), thalamus (Fielding) 72, 157-8, *P.*
- Notoryctes typhlops** (marsupial mole), brain (Fielding) 60, 464, *P.*
- muscles of limb, hind (Thompson & Hillier) 39, 308-31
- Nubia**, Egyptian Government Survey, specimens (Wood Jones) 43, ii, *P. (June 1908) (t.o.)*
- Nucleus** of nerve-cell, behaviour, nucleolus, sex chromatin and accessory body of Cajal during depletion and restoration of Nissl material, cat (Lindsay & Barr) 89, 47-62
- motor, behaviour during depletion and restoration of Nissl material (substance) (Barr & Bertram) 85, 171-81 (*cat*)
- fibre, embryonic, cytology (Cameron) 41, 8-29; 41, i (*June 1906*) (*t.o.*) (*amphibian, chick*)
- of degenerating cells, chick embryos (Bellairs) 95, 54-60
- Nucleus division**, *see* Karyokinesis.
- Nuclei, of grey matter, of abducent nerve**, accessory, and development of a medial motor nucleus in the pig (Shaner) 68, 314-17
- medial motor, development and accessory abducent nucleus, pig (Shaner) 68, 314-17
- accessory, of oculomotor complex (Warwick) 87, 46-53
- amygdaloid and caudate, development (Hewitt) 92, 377-82
- cholinergic afferent pathways to, in experimental material (Shute & Lewis) 95, 287-8, *P. (rat)*
- claustrum and insular cortex, comparative anatomy (Landau) 53, 351-60; notes on this paper (Elliot Smith) 53, 361-2
- connexions, rat (Raisman, Cowan & Powell) 97, 302, *P.*
- fibre degeneration following lesions, *Macaca mulatta* (Nauta) 95, 515-31
- in *Phocaena phocaena* (porpoise) (Breathnach & Goldby) 88, 267-91; (Breathnach) 87, 442, *P.*
- auditory relay**, *see* Nuclei of grey matter, of cochlear nerve, *etc.*
- basal**, development, man (Hewitt) 91, 569, *P.*
- evolution, and morphology of the cerebral arteries (Abbie) 68, 433-70 (*comparative*)
- see also* Corpus striatum
- caudate**, mammalian (Hewitt) 93, 169-76
- and amygdaloid, development (Hewitt) 92, 377-82
- see also* Connexions, cortico-striate
- of cochlear nerve**, transneuronal degeneration, cat (Powell & Erulkar) 96, 249-68
- of column**, dorsal, in *Ateles* ('spider' monkey) 81, 140-9
- of corpus trapezoideum dorsal**, *Ornithorhynchus* (Hines) 56, 290-1
- cranial nerves**, development, in human embryo (Waterston & Robertson), 60, 470-1, *P. (t.o. & disc.)*
- model (Smout) 76, 229, *P.*
- cuneatus**, cortical fibres, and of nucleus gracilis, cat (Kuypers & Tuerk) 98, 143-62
- symptomatology and degeneration following lesions of, and cerebellum and cerebellar peduncles (Ferrier & Turner) in *Proc. R. Soc. Lond.*, 1893, Nov. 30, 28, 382-4, *rev. (monkeys)*
- and gracilis, efferent fibres from, connexions, macaque (Bowsher) 92, 668, *P.*
- Deiter's**, *see* Nucleus of vestibular nerve, lateral
- dentate of cerebellum**, blood supply, of cerebellum, injected specimens (Shellshear) 59, 36, *S.P.*
- dorsal**, of lateral lemniscus and medial geniculate body, comparative (Le Gros Clark) 67, 536-48; 68, 139, *P. (t.o.)*
- dorso-central**, identity and function (Warwick) 88, 549, *P.*
- Edinger-Westphal** (Warwick) 88, 71-93 (*Macaca mulatta, cat*)
- facial nerve**, in relation to secretion of saliva (Külz) 10, 202, *rep. (dog)*
- geniculate**, lateral, transneuronal degeneration, *Macaca mulatta* (Matthews, Cowan & Powell) 94, 145-69; 94, 288, *P.*
- of glossopharyngeal nerve**, changes in after section of the nerve, pig (Law) 85, 424, *P.*
- vagus & spinal accessory (Mitchell & Warwick) 88, 569, *P. (Macaca mulatta)*
- gonocyte**, surface areas, changes during development of testis (Sapsford) 97, 492, *P.A.S.A.N.Z. (ram, rat, mouse, guinea-pig)*
- gracilis** and cuneatus, efferent fibres from, connexions, macaque (Bowsher) 92, 668, *P.*
- cortical fibres, distribution, cat (Kuypers & Tuerk) 98, 143-62
- of hypoglossal nerve**, blood supply (Shellshear) 61, 279-82
- hypothalamic**, topography and homologies, man (Le Gros Clark) 70, 203-14

Subject Index

Nuclei, (cont.)

- intercalatus, connexions with cerebellum (cat) (Brodal) 86, 110-29
- isthmio-optic, retinal representation upon, pigeon (McGill *et al.*) 100, 5-33
- isthmus, *see* Nucleus of grey matter, dorsal, of lateral lemniscus
- lateral geniculate, transneuronal degeneration, macaque (Matthews) 98, 255-63
- of lateral lemniscus, dorsal connexions of, and of inferior colliculus (Woollard & Harpman) 74, 441-58 (guinea-pig, cat), 73, 670-1, *P.* (disc. only)
- lentiform, extirpation of (Nothnagel) 8, 396, *rep.* (rabbit); 9, 210-12, *rep.* (animal)
- and internal capsule, development, man (Hewitt) 95, 191-9
- in mamillary body, mammals (Rose) 74, 91-115
- quantitative study (Powell, Guillery & Cowan) 91, 419-37 (cat, man, monkey, rabbit, rat)
- median, centre, efferent connexions (Le Gros Clark & Ritchie Russell) 73, 255-62 (monkey)
- cortical connexions (Le Gros Clark) 72, 623, *P.* (t.o.)
- mesencephalic, of trigeminal nerve (Warwick) 93, 561, *P.* (monkey); (Beattie) 67, 208, *P.*; 67, 213, *P.* (dem.)
- nerve (glossopharyngeal, auditory, facial, abducent, trigeminal) (Battista), 16, 150, *anat. not.*
- oculomotor nerve, mammalian (Clark) 60, 426-48; 60, 487-8, *P.*
- development (Mann) 61, 424-38; 61, 490 (t.o.)
- localization of centres for extrinsic muscles (Abd-El-Malek) 72, 518-23 (cat)
- retrograde degeneration in, rhesus monkey (Warwick) 84, 402-3, *P.*
- so-called of convergence (Warwick) 87, 463, *P.*
- representation of extra-ocular muscles (Warwick) 85, 425, *P.* (monkey)
- of *Tarsius* and *Nycticebus* (loris) (Hunter) 59, 26-7, *S.P.*
- of Panegrossi, *see* Nucleus, dorso-central
- paraventricular, neurosecretory pathways, hedgehog (Campbell) 100, 702, *P.* (dem.)
- peri-hypoglossal (nucleus intercalatus nucleus praepositus hypoglossi and nucleus of Roller) connexions with cerebellum, cat (Brodal) 86, 110-29
- of phrenic nerve (Kohnstamm) 33, 352 (*ref. only*)
- in rhesus monkey (Warwick & Mitchell) 89, 562, *P.*
- postremus, *see* Area postrema
- pulposus, erosion of vertebral bodies (Cave) 67, 209-10, *P.*
- collagen/mucopolysaccharide relationship, electron microscopy, rabbit (Smith) 99, 196-7, *P.*; (Smith, *et al.*) 99, 197, *P.*
- of Roller, connexions with cerebellum, cat (Brodal) 86, 110-29
- salivary, connexions, rat (Shute & Lewis) 94, 59-73
- site (Shute & Lewis) 93, 573, *P.* (rat)
- sensory, specific, of thalamus, transneuronal degeneration in, man (Bowsher) 91, 611, *P.*
- size, rat (Cleveland) 97, 491, *P.A.S.A.N.Z.*
- of solitary tract, spinal projection in the cat (Torvik) 91, 314-22
- spinal accessory, glossopharyngeal and vagus (Mitchell & Warwick) 88, 569, *P.* (*Macaca mulatta*)

- in certain mammals, demonstration (Romanes) 76, 229, *P.*
- substantia nigrae, pigmentation, mammals (Marsden) 95, 256-61
- pigmentation and enzyme activity, development, cat (Marsden) 99, 175-80
- tyrosinase activity (Marsden) 95, 282, *P.*
- subthalamic (Rioch) 65, 324-7; 66, 133, *P.* (*Cercopithecus*, *Cebus*, *Lemur*, *Canis*, *Felis*, *Phoca vitulina*)
- fibre connexions (Glees & Wall) 80, 240-1, *P.*
- taeniaeformis, *see* Claustrum
- tegmental, dorsal, connexions, rat, rabbit (Morest) 95, 229-46
- thalamic, anterior, connexions (Le Gros Clark & Boggon) 67, 215-26 (rat, cat); 68, 131, *P.* (t.o.)
- in insectivores (Clark) 64, 125, *P.*
- quantitative study (Powell, Guillery & Cowan) 91, 419-37 (cat, man, monkey, rabbit, rat)
- retrograde fibre degeneration (Powell & Cowan) 98, 579-85 (rabbit)
- dorso-medial, afferent fibres, cat (Guillery) 93, 403-19; 93, 574, *P.*
- reticular, cortical connexions (Carman *et al.*) 98, 587-98 (rabbit)
- medial, connexions, cat (Le Gros Clark & Boggon) 68, 134, *P.* (t.o.)
- midline and intralaminar, of connexions, rat (Powell & Cowan) 88, 307-19
- projections, rabbit (Cowan & Powell) 89, 574, *P.*
- thoracic, in man, monkey and dog (Mott) 22, 479-95; discussion, 22, vii, *P.*
- trigeminal nerve, spinal tract, function (Stopford) 59, 120-8
- of vagus nerve, dorsal, motor, localization of gastric centre, ruminant (Bell) 94, 410-17
- glossopharyngeal and spinal accessory (Mitchell & Warwick) 88, 569, *P.* (*Macaca mulatta*)
- of vestibular nerve, (Weston) 72, 150, *P.*
- The vestibular nuclei and their connections, anatomy and functional correlations (Brodal *et al.*) 1962, 97, 291, *rev.*
- cat (Brodal & Pompeiano) 91, 438-54
- fibre connexions of (Weston) 72, 157, *P.*
- lateral, reversible paralysis (McDowall) 72, 474, *P.* (dem.)
- termination of primary vestibular fibres in, cat (Bowsher, Walberg & Brodal) 93, 562, *P.*
- Nuclein, digestibility of (Bokay) 13, 245, *abs.*
- Nucleine, (Müller) 8, 431, *rep.*
- Nucleolus, behaviour, during depletion and restoration of Nissl material (Lindsay & Barr) 89, 47-62 (cat)
- Nucleoproteins, cytoplasmic, safranin-O demonstration of (Foster) 83, 101-8
- Nudibranchs, several forms of, *Phyllidia*, *Elysia*, *Cyerce*, *Fiona* and *Cerberilla* (Bergh) 8, 178, *rep.*
- Numenius longirostris, osteology (Shufeldt) 19, 51-82
- Nursing, *Applied anatomy for nurses* (Bocock & Wheeler) 1951, 86, 80, *rev.*
- Nutrition, *The nutritional basis of reproduction* (Millen) 1962, 97, 297, *rev.*
- Embryonic nutrition (edited by Rudnik) 1958, 94, 279, *rev.*
- embryotrophic, histochemistry, rat (Beck & Lloyd) 100, 432, *P.*
- of animal tissues (Marcet) 9, 234, *rep.*
- of cartilage and bone (Harris & Russell) 68, 140, *P.*
- changes in, induced by oxygen, nitrous oxide, carbonic oxide, antimony and arsenic, phosphorus and bile acids (Ritter) 7, 199-200, *rep.*

Subject Index

Nutrition, (cont.)

- and digestion, contribution to knowledge of (Hermann) 4, 179, *rep.*
 effects of high and low, on bones of pig (Morrison & McCance) 88, 566, *P.*
 embryotrophic, and teratogenesis (Beck & Lloyd) 100, 432, *P. (rat)*
 of foetus, *in utero* (Gusserow) 6, 440, *rep.*
 growth of finger-nails, relation to state of (Gilchrist & Buxton) 73, 575-82; 73, 359-60, *P.*
 physical properties of (Johnson) 10, 645, *rep.*
 significance of gelatin-yielding tissues for (Voit) 9, 429-30, *rep. (dog)*
see also specific foods
Nycticebus (slow loris) some observations (Davies) 80, 238, *P.*
 oculomotor nucleus (Hunter) 59, 26-7, *S.P.*
Nycticebus tardigradus (loris) *see Nycticebus*
Nyctophilus timoriensis (Australian bat), fornix (Elliot Smith) 32, 231-46

Obesity, postmortem findings in an extreme case (Oliver) 14, 345-7

precocious, and hirsutism, 43, 116, *rep.*
Obituary notices (for tributes, biographical sketches etc. *see also* under names in Subject Index)

- Addison, Viscount, In memoriam, 88, 428-9
 Anthony, Roaul, Obituary, 80, 167
 Appleton, A. B., Obituary note, 84, 325; In memoriam, with photograph, 84, 397-8
 Battersby, J., Obituary notice, 86, 78
 Baxter, J. S., In memoriam, with photograph, 95, 274-5
 Birmingham, Ambrose, Obituary, 39, 362-3
 Blair, D. M., In memoriam, with portrait, 79, 94-5
 Brash, J. C., In memoriam, with photograph and bibliography, 92, 623-9
 Channell, G. D., Obituary note, 85, 214; In memoriam, 85, 292
 Clark, Wm., Obituary, 4, 196
 Cleland, John, Obituary, with bibliography, 59, 453-6
 Connell, W. K., In memoriam, 87, 323
 Cunningham, D. J., Obituary note, 44, ii-iii; In memoriam, 44, 1-3
 Davies, Francis, In memoriam, 99, 913-15
 Derry, D. E., In memoriam, 95, 441-2
 Dixon, A. F., In memoriam, with photograph and bibliography, 70, 583-5
 Duckworth, D. L. H., In memoriam, with photograph, 90, 455-6
 Durward, Archibald, In memoriam, 98, 455-6
 Evatt, E. J. R., In memoriam, with photograph, 85, 401-2
 Fawcett, E., In memoriam, with photograph, 77, 192-3
 Fitzgerald, D. P., In memoriam, with photograph, 82, 187
 Fitzgerald, W. F. M., Obituary notice, 88, 263
 Florian, J., Obituary, 80, 113
 Franklin, K. J., In memoriam, 100, 912
 Frazer, J. E. S., Obituary, with photograph, 80, 168-9
 Geddes, Lord, In memoriam, 88, 426-8
 Gladstone, R. J., Obituary, 81, 198-9
 Goodrich, E. S., Obituary, with photograph, 80, 112-13
 Gray, J. H., In memoriam, with photograph and bibliography, 76, 319-21
 Hamlyn, Lawrence, In memoriam, 98, 135
 Hill, J. P., In memoriam, 88, 542

- Howden, Robert, In memoriam, with photograph, 75, 376-8
 Howes, G. B., Obituary, 39, 364-7
 Humphry, Sir George, M., Obituary, 31, 168
 Hunter, J. I., Obituary note, 59, 223; In memoriam, 59, 340-4
 Jamieson, E. B., In memoriam, with photograph, 91, 141-3
 Jamieson, J. K., Obituary note, 82, 272; Obituary, with photograph, 83, 47-50
 Johnston, T. B., In memoriam, with photograph, 95, 137-8
 Jones, Frederic Wood, In memoriam, an appreciation with photograph and bibliography, 89, 255-67
 Keith, Sir Arthur, In piam memoriam, with photograph and bibliography, 89, 403-10
 Kulchitsky, Nicholas, Obituary, 59, 336-9
 Lightoller, G. H. S., Obituary, 80, 52-3
 Lockwood, Charles Barrett, In memoriam, 49, 240-2
 Low, A., Obituary note, 85, 214; In memoriam, with photograph, 85, 293-5
 Macalister, Alexander, In memoriam, 54, 96-9
 Mackay, John Yule, Obituary, with photograph and bibliography, 64, 529-30
 MacKinnon, I. L., In memoriam, 96, 539
 Macklin, C. C., In memoriam, with photograph, 94, 562-3
 Maguire, S. A., Obituary notice, 88, 263
 Meek, A., In memoriam, 86, 78
 Millen, J. W., In memoriam, 100, 909
 Murray, C. B., Obituary note, 87, 323
 Parsons, F. M., In memoriam, with photograph, 77, 311-13
 Paterson, A. M., Obituary notice, with bibliography, 53, 266-70
 Patten, C. J., Obituary, with photograph, 83, 178
 Peacock, A., Obituary notice, 86, 78
 Reid, R. W., In memoriam, with photograph, 74, 409-10
 Robinson, Arthur, Obituary, with photograph and bibliography, 83, 179-82
 Rogers, Lambert C., In memoriam, 96, 130-1
 Samuel, D. M., In memoriam, 78, 204
 Sholl, D. A., In memoriam, 94, 564-5
 Shore, L. R., Obituary note, 85, 214; In memoriam, 85, 296-7
 Smith, E. Barclay, Obituary, with photograph, 80, 51-2
 Stibbe, E. P., In memoriam, 78, 58
 Stopford of Fallowfield, Lord, In memoriam, with photograph, 95, 437-40
 Streeter, G. L., Obituary, with photograph, 83, 51-2
 Symington, Johnson, Obituary, with bibliography and photograph, 58, 275-9
 Thane, Sir George Dancer, Obituary, with photograph and plate of drawing, 64, 364-7
 Thompson, Peter, Obituary notice, 56, 164-5
 Todd, T. Wingate, In memoriam, with photograph, 73, 350-3
 Turner, Sir William, In memoriam, 50, 281-4
 Walmsley, T., Obituary notice, 86, 78
 Waterston, D., In memoriam, with photograph, 77, 189-91
 West, C. M., Obituary note, 85, 407; In memoriam, with photograph, 86, 75-8
 Whillis, James, In memoriam, with photograph, 89, 419-21
 Whitnall, S. E., Obituary note, 84, 226; In memoriam, with photograph, 84, 395-6

Subject Index

Obituary notices (cont.)

- Wilson, J. T., Obituary, 80, 53
 Wood, W. H., In memoriam, 88, 430-1
 Woollard, H. H., In memoriam, with photograph, 73, 504-8
 Wright, M. K., In memoriam, 95, 440-1
 Yeates, T., In memoriam, 97, 289-90
 Young, Matthew, In memoriam, 75, 379-80
 Objectives, Abbe's apochromatic micro- (Schulze) 21, 515-24
 Obstetrics, *Researches in obstetrics* (Duncan) 1868, 2, 386-7, *rev.*
 Occipital bone, abnormal, manifestations of occipital vertebra (East) 60, 486, *P.*
 abnormal markings for venous sinuses (Odgers) 65, 172-3, *P.*
 articular facet on for odontoid process (Parsons) 24, xix, *P.*
 Occipital bone, atlas, and axis, morphology of (Koster) 2, 165, *rep.*
 articulation with and axis, in mammals (Symington) 35, xxi (*t.o.*)
 congenital deformity, 44, 98, *rep.*
 fossa vermician, hydrocephalic infant (East) 60, 416-17
 fusion with atlas, 1 case (Goodhart) 9, 1-16; (Griffith) 30, xv-xvii (2 cases); (Cunningham) 32, xxxviii, *P.*; (Hughes) 33, iv-v, *P.*; partial, 36, 303, *rep.*; specimens (Gladstone & Wakeley) 59, 105, *S.P. (t.o.)*
 growth changes, Bushmen and Negroes (Tobias) 92, 652-3, *P.*
 hypochordal elements (Cave) 69, 145, *P. (t.o.)*
 impressions, cisternal (Krmptić-Bohaček) 87, 462, *P.*
 jugum cerebellare intersemilunare, incidence in 866 bones, (Krmptić-Bohaček) 87, 358-61
 ossification centres (Higgins) 33, 350-1
 pars basilaris, abnormal (Evatt) 74, 143, *P. (dem.)*
 squamous portion, unilateral absence, 35, 502, *rep.*
 squama ossification (Bianchi) 27, 420, *rep.*
 supra-inial portion, from irregular ossification, interparietal bone variations (Hepburn) 42, 88-92
 third condyle of (Halbertsma) 1, 178, *abs.*; (Allen) 3, 196, *rep.*; (Allen) 15, 60-8 (3 cases)
see also Curvature; Os Kechringii
 Occlusion, arterial, aortic and common iliac, and development of collateral circulation to hind limbs, special reference to bone (Shaw) 98, 294, *P. (man, cat)*
 Octopus, statocyst, kinocilia, morphological polarisation in (Barber) 100, 685-6, *P.*; 100, 685, *P. (dem.)*
 light microscopy (Young) 100, 699, *P. (dem.)*
 Odontoblasts, and tooth dentine (James) 88, 548, *P.*
 process, teeth, primary curvatures (Osborn) 100, 432-4, *P.*
 Odontome radicaire, 1 case (Windle & Humphreys) 21, 665-9
 Odontornithes, *see* *Ichthyornis dispar*
 Odours, sensibility, threshold (Berthelot) 39, 492, *abs.*
 Oedema, mechanical, origin (Hehn) 8, 405, *rep.*
 production of (Ranvier) 5, 214, *rep. (dog)*
 experimental (Rott) 9, 227, *rep.*
 Oesophagus, abdominal part (von Luschka) 4, 301, *rep.*
 atresia, congenital, 2 cases (Villemien, Thomas) 39, 505, *rep.*
 with oesophago-tracheal fissure, 35, 504, *rep.*; 36, 303, *rep.*
 in lower segment (Brentano) 29, 466, *rep.*
 and of intestines, 43, 122, *rep.*
 with blind end, 43, 121, *rep.*
 blind-sac, with other anomalies, 38, 368, *rep.*

- congenital defect (Annandale) 3, 456, *rep.*; (von Luschka) 4, 161, *rep.*
 ciliated epithelium, 7-month foetus (Healey) 54, 180-3
 dilatation, fusiform (Griffith) 33, 504 (*ref. only*)
 diverticula (Stoney) 34, ii-iii, *P.*, November 1899 (1 case); (Letulle) 34, 420, *rep.*
 doubling, 43, 120, *rep.*
 ending, opposite tracheal bifurcation (Keith) 40, xiv, *P. (t.o.)*
 epithelium, development, changes (Johns) 86, 431-42
 structure and regeneration, cat (McMinn & Johnson) 91, 586, *P.*
 glands, superficial and deep, development (Johns) 85, 416, *P.*
 imperforation, 43, 120, *rep.*
 innervation, expt. (Knight) 69, 138, *P. (t.o.)*
 lower, *The lower esophageal vestibular complex* (Zaino *et al.*) 1963, 98, 278, *rev.*
 lower end (Whillis) 66, 132-3, *P.*
 movements of (Mosso) 8, 416-17, *rep. (cat, dog)*
 muscular sheath, cardiac end in Aye Aye (*Chiromys madagascariensis*) (Gulliver) 4, 307, *rep.*
 taxonomic significance in classification of vertebrata (Gulliver) 5, 386, *rep.*
 pouch and diverticulum in (Denyer) 39, 89
 role, in vomiting (Lüttich) 9, 237-8, *rep. (dog)*
 stricture (von Luschka) 3, 198, *rep.*
 upper end, arrangement of muscle fibres (Abel) 47, 381-90
 muscles (Birmingham) 33, 10-21
 Oestradiol, local action on bone (Barnicot) 85, 120-34
 effect on gonads, endocrine glands and mammae of lactating rats (Bacsich & Folley) 73, 432-40; 72, 617-18, *P.*
 effect on blood supply of long bones, mice (Brookes & Lloyd) 94, 286, *P.*
 Oestrin, effects on menstrual cycle of baboons and macaques (Parkes & Zuckerman) 65, 272-6
 sensitivity in newborn monkey (Zuckerman & van Wagenen) 69, 497-500
 Oestrogen(s), action on phagocytic activity of reticulo-endothelial system (Ware) 93, 571, *P. (mouse)*
 anti-oestrogen interaction, effects on reticulo-endothelial system and reproductive tract, ovariectomized mice (Nicol *et al.*) 100, 921, *P.*
 effects on glycogen, amylophosphorylase, transglycosylase, and uridine diphosphate glucose-glycogen glucosyl transferase activities in myometrium, mice (Hall) 99, 926, *P.*
 effects on transferase activities on myometrium, mice (Hall) 99, 926, *P.*
 influence on endometrium in organ culture (Everett) 97, 149-50, *P. (guinea-pig)*
 ovariectomy and progesterone, effects on melanocyte activity (Bischitz & Snell) 92, 646, *P. (guinea-pig)*
 and progesterone, effect on melanocytes (Snell) 94, 453-4, *P. (guinea-pig)*
 stimulation, of prostate gland by, effects, *Cercocoebus torquatus atys* (mangabey) (Eckstein & Zuckerman) 78, 146
 prolonged, on prostate gland, rhesus monkey (Zuckerman) 72, 264-76
 Oestrone, assay, use of male weanling mouse breast (Hadfield) 92, 130-6
 effects on carbohydrate components of vagina (Biggers) 87, 327-36
 effects on prostate and uterus masculinus, Primates (Zuckerman & Parkes) 70, 323-30

Subject Index

- Oestrus**, artificially induced, in immature guinea-pigs (Bacsich & Wyburn) 76, 225, *P.*
 effect of lesions, cerebral, on, in ferrets (Herbert) 91, 598, *P.*
 larval, in hippopotamus (Murie) 5, 198, *rep.*
 light-induced, rate of appearance, in relation to light intensity in normal ferrets and in ferrets after bilateral, superior cervical ganglionectomy (Marshall & Thompson) 91, 600, *P.*
 light-induced, and thyroidectomy in ferrets (Marshall & Thomson) 91, 599-600, *P.*
- Oiacopodes** (turtles) genera of (Gray) 9, 406, *rep.*
- Oil(s)**, absorption of, after cutaneous and intravenous application (Auspitz) 6, 245, *rep.* (*rabbis*)
 essential, effects of, on development of eggs (Féré) 29, 464, *rep.*
- Oldoway**, Man, age (Hopwood) 67, 207, *P.*
- Olecranon**, epiphyses (Porteous) 94, 286, *P.*
 of ulna, 2 centres of ossification (Fawcett) 38, xxvii (3/8 specimens)
- Olfaction and Taste** (ed. by Zotterman) Symposium, September, 1962, 1963. 98, 277, *rev.*
- Olfactory epithelium**, comparative study of receptors (Graziadei) 100, 700, *P.* (*dem.*) (*cat, frog, mole*)
- Oligamnios**, associated with multiple limb abnormalities, 33, 524, *rep.*; 33, 513, *rep.*
- Omentum**, greater (Adami) 33, 212, *abs.*
 development of (Lockwood) 18, 257-64
 meshes (Ranvier) 9, 395-6, *rep.*
 nerve endings of (Finkam) 9, 204, *rep.*
- Ommatophoca rossi** (Ross seal) swallowing modifications in (King) 99, 206-7, *P.*
- Omphalocephaly**, 33, 511-12, *rep.*; 43, 116, *rep.*
 bird embryos, 42, 134, *rep.*
 ourentery and cordentory, 35, 499-500, *rep.*
- Omphalocoele**, strangulated, child 48 hours old (Dulake) 59, 91-2, *S.P.*
- Omphalopagus**, 1 specimen (Gemmell & Stewart) 50, 316-23
 parasiticus, 1 specimen (Shaw) 68, 130-1
- Omphalosites**, 43, 117, *rep.*
- Oöcyte**, (Dixon) 61, 520, *P.* (*dem. only*)
 lampbrush chromosomes in (Baker and Franchi) 100, 702, *P.* (*dem.*)
 in ovarian follicles, developing, golden hamster (*Mesocricetus auratus*) electron microscopy, (Weakley) 100, 503-34
 primordial nucleus, fine structure, primates (Baker & Franchi) 100, 697-9, *P.*
 reformation after sterilization, radiological (Hill & Parkes) 65, 212-14 (*mice*)
- Oogenesis**, *Oogenesis: the storage of developmental information* (Raven) 1961. 96, 410, *rev.*
 (Hibbard & Parat) 61, 515, *P.* (*dem. only*)
 in adult loris (Rau) 69, 152, *P.* (*t.o.*)
 with special reference to chondriome, vacuome and yolk formation, in teleosts (Hibbard & Parat) 61, 494-7, *P.*
 mammalian (Waterston) 44, iii (*t.o.*)
 rhesus monkey, quantitative and cytological study (Baker) 100, 761
- Opening**, buccopharyngeal, in *Ceratodus* (Allis) 66, 659-68
 orbital (Parsons) 59, 61, *S.P.*
 pleuro-peritoneal, *see* Canals, pleuro-peritoneal
 saphenous, morphology, (Salsbury) 73, 186-91
- Operculum**, dissection of defective (Turner) 25, 327-37; 25, viii, *P.*
 of insula, pithicoid abnormality, with lateral sulcus, human (Elliot Smith) 38, 158-61
- Ophidians** (snakes), glands of the head and skin of (Leydig) 8, 177, *rep.*
- Ophthalmometry**, new apparatus for (Woinow) 4, 328, *rep.*
- Ophthalmoscope** (Knapp) 9, 219, *rep.*
- Opisthotonus**, congenital, 1 case (Johnston) 59, 89, *S.P.*
- Opium**, alkaloids, action of (Mitchell) 4, 312-13, *rep.* (*duck, chicken, pigeon*)
 physiological of (Baxt) 2, 422, *rep.*
 apomorphia and chlorocodide [codein chloride] (Matthiessen, Wright, Gee) 4, 166, *rep.*
 and chloroform, combined effects of (Labbe, Guyon & Rabuteau) 7, 194, *rep.*
 and belladonna, antagonism between, case of attempted suicide (Naismyth) 14, 499-51
 investigation of analgesic, convulsant, soporific and toxic effects of (Rabuteau) 7, 194, *rep.* (*man, animals*)
 insusceptibility of pigeons to toxic action of (Mitchell) 3, 479-80, *rep.*; action of (Richardson) 3, 480-1, *rep.*
- Opodymus**, kitten, 1 specimen (de Lima) 52, 276-81
- Opposition**, of thumb, man (Napier) 85, 432, *P.*
 in association with reposition (Haines) 80, 218, *P.*
- Opossum**, foetal membranes (Osborn) 18, 343-4, *anat. not.*
 Australian, gland suprarenal, functional changes (Bourne) 72, 616, *P.*
see also *Didelphys*; *Didelphys virginiana*
- Optics, visual**, *The eye*, vol. 4. *Visual optics and the optical space sense* (ed. by Davson) 1962. 98, 141, *rev.*
- Optometer** (Badal) 11, 545, *rep.*
- Orang-utan**, air-sacs, laryngeal (Brash) 81, 398-9, *P.*; 81, 403, *P.* (*dem.*)
 anatomy, 2 male specimens (Edwards, Deniker, Boulart, de Pousargues, Delisle) 30, 312, 314, *rev.*
 arteries of brain (Shellshear) 61, 167-97
 biceps femoris (Bolk) 33, 351 (*ref. only*)
 brain (von Bischoff) 13, 266 (*t.o.*); comment by Turner, 13, 277
 and spinal cord, sections (Cunningham) 31, xiii, *P.*
 cord, spinal, topographical anatomy (Bruce) 43, iii, *P.* (July 1907) (*t.o.*)
 cranial (IVth, Vth & VIth) nerves in (Cunningham) 31, xl (*t.o.*)
 depressions in parietal bones (Humphry) 8, 136-41
 facial nerve, intrapontine course (Cunningham) 32, xl (*man, chimpanzee*)
 gyri, cerebral (Benham) 30, 312, 313, *rev.*
 head (Keith) 44, 1, *P.* (*dem.*)
 supernumerary molars in (Humphry) 8, 136-41
 pregnancy, abdominal (Brash) 81, 403, *P.* (*dem.*)
 viscera, abdominal and thoracic (Keith) 32, xxxiii-iv, *P.*
see also Apes, anthropoid; *Pongo*; *Pan*
- Orbit**, *The anatomy of the human orbit and accessory organs of vision* (Whitnall) 1922. 57, 391, *rev.*; 2nd ed. 1932. 67, 190, *rev.*
The anatomy of the eye and orbit (Wolff) 1933. 68, 286, *rev.*; 2nd ed. 75, 142, *rev.*
 anomalies, and of eye, 42, 137, *rep.*
 in *Colobus badius preussi* (Cave) 74, 559, *P.* (*dem.*)
 Chinese, measurement (P'An) 67, 596-8
 content, in fishes (Harman) 34, 1-40; 34, xlix, July 1899 (70 species)
 development, abnormal after enucleation of eye, rabbit (Bryce) 35, iv, *P.*
 measurement (Gayat) 9, 219-20, *rep.*
 muscles of, abnormalities (Bochdalek) 3, 448, *rep.*
 nerves (Christensen) 70, 225-32 (*cat*)
 tumour, in new-born child (Morison) 31, 458, *rep.*

Subject Index

- Orbital aperture**, *see* Opening, orbital
- Orbito-ethmoidal region**, of *Cyclostomata*, *Plagiostomi* and *Teleostomi* (Allis) 60, 164-72
- Orbito-sphenoid bone**, relation to pterion (Sutton) 18, 219-22
- Orca capensis* (van Beneden) 8, 176, *rep.*
- Orca gladiator*, gravid uterus and foetal membranes of (Turner) 5, 383-4, *rep.*
- Orca stenorhyncha*, found in Sweden (Gray) 7, 335, *rep.*
- Orchidectomy**, and testosterone, effect on activity of melanocytes (Bischitz & Snell) 92, 643, *P. (guinea-pig)*
- Oreas canna* (eland) foetal membranes (Turner) 14, 241-3
- Organism**, vegetable, in thorax of living birds (Murie) 7, 174, *rep.*
- Organ(s)**, auditory, *see* Ears; Hearing, organs of of Bojanus, *see* Kidney
- Corti, *see* Corti, organ
- digestive, function, in newly-born children (Zweifel) 9, 427, *rep.*
- enamel, *see* Enamel
- endocrine, prenatal growth in man (Lucien & Georges) 61, 505-6, *P.*
- genital, *Human sex anatomy*, (Dickinson) 1933. 68, 576, *rev.*
- Der Einfluss des Nervensystems auf Bau und Tätigkeit der Geschlechtsorgane des Menschen* (Stieve) 86, 333-4, *rev.*
- Eierstock und Ei* (Waldeyer) 1870. 4, 282-5, *rev.*
- (Griffiths) 31, 268-76 (*boar*); (Meek) 52, 186-210 (*cetacea*)
- asymmetry, in hermaphrodite pigs (Baker) 60, 374-81
- in cadmium chloride-treated male rats, increased vascular permeability (Clegg & Carr) 100, 696-7, *P.*
- cheiroptera (Wood Jones) 51, 36-60; 51, 7, *P. (June 1916)*
- Chelonian (Wood Jones) 49, 393-406
- basal type (Wood Jones) 50, 5-6, *P. (January 1915)*
- and mammalian, homologies (Wood Jones) 50, 1-23
- changes, in foetal and adult seals (Harrison) 85, 428, *P.*
- effect of cold exposure, male (Baillie) 98, 688, *P. (mouse)*
- development of (Banks, W. M., *reported by William Turner*) 1, 152
- diseases (Sutton) 19, 121-43 (*frog, birds, mammals*)
- in fowl (*Gallus domesticus*) (Lake) 91, 116-29
- effects of oestrogen: anti-oestrogen interaction on, ovariectomized mice (Nicol *et al.*) 100, 921, *P.*
- Elaphurus davidianus* (Père David's deer) (Harrison & Hamilton) 86, 203-25
- external, supernumerary, on back of male (Tsoris) 27, 422, *rep.*
- fat distribution female guinea-pig and ferret (Nicol) 72, 618-19, *P.*; 72, 626, *P. (dem.)*
- female, external, nomenclature (Wood Jones) 48, 73-80
- fat distribution during oestrous cycle, possible use as a control in ovarian hormone experimental work, guinea-pig (Nicol) 77, 117, *P.*
- Indian Elephant (Chapman) 15, 300, *abs.*
- chronological classification (von Winckel) 34, 420, *rep.*
- Galeopithecus* (Wood Jones) 50, 189-203; 50, 19-20, *P. (June 1915)*
- of *Globiocephala melaena*, Ca'aing whale (Harrison) 83, 238-53; 83, 72, *P.*
- growth, guinea-pig (Deanesly & Rowlands) 70, 331-8
- homologies of, comparative anatomy and pathology (Watson) 14, 50-80
- internal, of 15 cm. ♀ foetus (Fleming) 61, 232-46
- intravital staining, *Cavia* (Nicol & Bryce) 70, 200-1, *P.*
- lipoid content, hormonal control, female guinea-pig (Nicol & Snell) 88, 562, *P.*
- male, absence, in 2 hermaphrodite molluscs (Collinge) 27, 237-8
- vestigial structures of, in green lizard (*Lacerta viridis*) (Howes) 21, 185-9
- of parasitic isopoda (Bullar) 11, 118-23 (*Cymothoa aestroides*, *Nerocila maculata* & *bivittata*, *Anilocra physodes* & *mediterranea*)
- of *Phascolarctos cinereus* (koala) (Young) 13, 305-17
- mammalian and Chelonian, homologies (Wood Jones) 50, 1-23
- of pig (Griffiths) 31, 268-76
- of pregnant hermaphrodite rabbit (*Oryctolagus cuniculus*) (Sheppard) 77, 288-92
- radiology, *see* Radiology
- relationship to pineal body (Abd-El-Malek) 73, 419-23 (*rat*)
- teratological literature on (Windle) 34, 418-19
- Tupaia ferruginea* (Wood Jones) 51, 118-26; 51, 7, *P. (June 1916)*
- malformations, 44, 103, *rep.*
- Bufo vulgaris*, 43, 117, *rep.*
- accessory, in nine-banded armadillo (*Dasypus novemcinctus*), 97, 474-5, *P.*
- accessory, and Leydig cells, pubertal growth, rat (Clegg) 100, 369-79
- female (Mundé) 34, 421, *rep.*; 43, 122, *rep.*
- genito-urinary**, congenital abnormality 1 female infant (Harman) 32, 211-15
- atresia, multiple, 44, 104, *rep.*
- and cardiac anomalies in same subject (Blackhall-Morison & Shaw) 54, 163-4
- and of limbs, with congenital absence of penis, 37, 308, *rep.*
- development, man (Hart) 35, 330-75
- of female Indian elephant (Paterson & Dun) 32, 582-604; 32, xl, *P. (t.o.)*
- gustatory**, of *Ateles ater* (Tuckerman) 26, 391-3
- haemopoietic**, and haemopoiesis, researches into (Gibson) 20, 100-13; 324-53; 456-74 (*dog*)
- of Jacobson, *see* Organ, vomeronasal
- Leydig *see* Organ, lymphoid
- lymphoid**, of *Hexanchus corinus* (O'Donoghue & Bolton) 61, 40-63
- olfactory**, histology (Findlay) 28, 387-400 (*fish, frog, cat, dog, sheep*)
- and old mouth, origin of vertebrates from the study of ammocoetes, part VI (Gaskell) 34, 514-37; 34, xxvi, November, 1899
- paratympenic**, destruction, experimental, pigeon (Silver) 91, 612, *P.*
- pelvic**, malformation (Palmer) 20, 354-6 (*female twin*)
- pineal**, *see* Body, pineal
- reproductive** *see* Organs, genital
- sensory**, *Lehrbuch der Anatomie der Sinnesorgane* (Schwalbe) 1887. 22, 307, *rev.*
- of sense, homologies (Cameron) 37, xlii-xliii, *P.*
- subcommisural**, and mesocelic recess, 15-week human foetus (Lucas Keene & Hower) 69, 501-7
- subfornical** (intercolumnar tubercle) *rat* (Shute & Lewis) 97, 301, *P.*

Subject Index

Organ(s), (cont.)

- of taste of *Belideus ariel* (Tuckerman) 24, 85-8
development (Tuckerman) 23, 559-82; 24, 130-1
mammalian (Tuckerman) 25, 505-8 (*Mus musculus*,
Arctomys monax, *Mephitis mephitis*)
of *Procyon lotor* (Tuckerman) 24, 156-9
urogenital, see Organs, genito-urinary
vesicular, Lamprey (de Beer) 59, 97-107
vomeronasal (Negus) 90, 515-19; 90, 571, P.
(newt, toad, frog, slow worm, guinea-pig, rabbit,
cat, dog)
Ouvrages sur l'Organ vomeronasal (Jacobson) 1950.
84, 324, rev.
in *Crocodylus porosus* (Meek) 27, 151-60
horse, ox, camel, pig (Minett) 60, 110-18
Hyrax (Broom) 32, 709-13
in *Macropus giganteus* and *Petrogale penicillata*
(Symington) 26, 371-4
in *Monotremata* (Broom) 30, 70-80 (comparative
study)
size in 12.5 mm. human embryo (Brandt) 72, 616,
P.
in certain snakes and lizards (Bellairs) 77, 121,
P.
of *Sphenodon punctatum* (McMaster) 70, 192, P.
(t.o.)
in *Vipera berus* and its innervation (Bellairs) 76,
167-77
weight, effect of malnutrition and hypophysectomy
(Rinaldini) 84, 262-71 (*rat*)
- Organelles**, concentration in subcellular fractions,
electron microscopical estimations (Gregson &
Williams) 100, 448, P. (dem.)
cytoplasmic, in Langerhans cells of epidermis
(Breathnach) 98, 265-70
presynaptic, cord, spinal (Gray) 97, 101-6
Organizers and genes (Waddington) 1940. 75, 141-2,
rev.
- Organophosphate-resistant esterase activity** in vagal
ganglion following cervical vagotomy (Fisher &
Sutherland) 99, 585-93 (*monkey*)
- Orientation**, irregularity, in chick embryo, 35, 497, rep.
- Orifice(s)**, from which hairs emerge in rabbit ear,
number, size and distribution (Weddell &
Pallie) 89, 175-88
- aortic, of heart, atresia, due to anomalous develop-
ment of atrial septum (Blake) 35, 1-6
complete (Blakeway) 52, 354-62
- of bile-duct, surgical relations (Brewer) 33, viii, P.
(t.o.)
- ileo-caecal, direction (Thompson) 42, 347-8, anat.
not.; 43, i, P. (March 1907) (t.o.)
- uretero-vesical, muscles at, arrangement and action
(Benians) 43, v, P. (January 1908) (t.o.)
- venous, valvular mechanisms in atria of heart (Keith)
37, ii-xxxvi, P.
- Orkney**, antiquities (Russell) 36, 422-3, A.U.A.A.S.
- Ornithorhynchus* (platypus), brain (Green) 72, 173, P.
corpus luteum (Hill & Gatenby) 59, 92-3, S.P.
egg-tooth, and development of palatine processes of
premaxillae (Green) 64, 512-22
homology of the dumb-bell shaped bone in (Syming-
ton) 30, 420-432; (Turner) 19, 214-17
nucleus of corpus trapezoideum dorsal (Hines) 55,
290-1
pelvic and thigh muscles (Pearson) 60, 152-63
ovary, with special reference to follicular atresia
(Garde) 64, 422-53
skull, development, early (de Beer & Fell) 71, 142-3,
P.
structure of cerebral hemisphere of (Smith) 30,
465-87

- taenia clino-orbitalis, fate of (Wilson) 40, 85-90; 40,
v-vi, P.
- Ornithorhynchus anatinus*, with reference to mammalian
pelvis (Howes) 27, 543-56; 27, xxxviii, P.
musculature, cruro-pedal flexor (Lewis) 97, 55-63
Ornithorhynchus paradoxus, brain (Turner) 30, 280-2
eye (Gunn) 18, 400-5
cerebral hemispheres of (Turner) 26, 357-61; 26,
vii, P.
dumb-bell shaped bone in palate of, compared with
prenasal bone in pig (Turner) 19, 214-17;
(Symington) 30, 420-32
see also Monotremata
- Ornithosauria*, *Aves* and *Reptilia* from the secondary
strata (Seeley) 1869. 4, 287-8, rev.
- Ornithosauria*, an elementary study of the bones of
Pterodactyles (Seeley) 1870. 4, 288-90, rev.
- Orthodiagraph**, and respiratory physiology (Halls
Dally) 43, 93-114, 43, vii, P. (March 1908)
(t.o.)
- Orthopaedic surgery**, *Atlas of anatomy and surgical
approaches in orthopaedic surgery* (Cosentino)
vols. 1 & 2, 1960. 96, 304, rev.
Russell A. Hibbs, *Pioneer in orthopaedic surgery*,
1869-1932 (Goodwin) 1935. 70, 443, rev.
- Orthogoriscus ozodura*, see *Pisces*, *Teleostei*
- Orycteropus capensis* (Aardvark), masticatory, inter-
mandibular and hyoid muscles of (Edgeworth)
58, 134-9
placentation (Turner) 10, 693-706
muscles of fore and hind limbs of (Galton) 3, 458,
rep.
myology (Humphry) 2, 290-322
- Oryctolagus cuniculus* (rabbit) reproductive system of
pregnant hermaphrodite (Sheppard) 77, 288-
92
- Os acromiale**, see Acromion
- Os calcis**, see Calcaneum
- Os centrale** (Gruber) 18, 119-20 (35/5129 cases)
development (Rosenberg) 10, 440, rep.
- Os ectotympanicum**, lemurine form, occurrence in
Dasyercus cristicauda (primitive marsupial)
(Wood Jones & Lambert) 74, 72-5; 73, 667, P.
(disc. only)
- Os genitale**, see Os penis
- Os intermedium**, in man and other mammals (Barde-
leben) 19, 509-10
- Os, internal**, tumours, 33, 522, rep.
- Os Kerckringii** (Lengnick) 33, 350 (ref. only)
see also Occipital bone
- Os magnum**, 19/564 cases (Collective Investigation)
28, 65
- Os penis**, of *Sciurus carolinensis leucotis* (grey squirrel)
(Young) 94, 580, P.
- Os peroneum**, and cuboid, primate foot (Manners-
Smith) 42, 397-414
- Os septo-maxillare**, *Tatusia novemcincta* (Fawcett)
53, 349-50
- Os styloideum**, two specimens (Black) 28, xx, P.
free (hand) 9/564 cases (Collective Investigation) 28,
65-6
attached to 3rd metacarpal (Collective Investigation)
28, 64-6 (534/564 cases)
attached to trapezium 2/564 cases (Collective Investi-
gation) 28, 65.
carpi, with humerus, hook, supracondylar, bilateral,
37, 311, rep.
ulnare (Macalister) 35, 122-3, anat. not.
ultimale, 37, 311, rep.
- Os trigonum**, of talus (Bennett) 21, 59-65
18/438 specimens (Collective Investigation, Anatomical
Society) 25, 95-7

Os trigonum, (cont.)
 1 case (Sutton) 21, 333-4, *anat. not.*; (Turner) 21, 334-5, *anat. not.*
 note on (Shepherd) 21, 335, *anat. not.*
 in mammalia (Albrecht) 18, 224, *anat. not.*

Osmium-iodide technique, see Stains and staining

Osmosis, in relation to digestion and dyspepsia (Murray) 2, 272-8

Ossicles, accessory, of foot, 36, 306, *rep.*; 37, 310, *rep.*
 calcaneum (Mercer) 66, 84-97
 of hand, 36, 306, *rep.*
 of limbs, and sesamoid bones (Bizarro) 55, 256-68
see also individual bones
 auditory (Huxley) 4, 309, *rep. (comparative anatomy)*
 connections (Brunner) 9, 416, *rep.*
 and chorda tympani, homologies (Allis) 53, 363-70
 development, mouse (Jenkinson) 45, 305-18
 evolution and homologies (Gadow) 59, 74-7, *S.P.*
 malleus and incus, homologies on (Huxley) 3, 482, *rep.*
 mechanism of (Helmholtz) 3, 219-20, *rep.*; (Buck & Burnett) 8, 187, *rep. (expts.)*; (Helmholtz) 8, 400, *rep.*
 and Meckel's cartilage, development of (Peters) 3, 458-9, *rep. (crocodilia)*
 morphology in mammalia (Doran) 13, 401-6, *abs.*
 movements (Buck) 5, 211, *rep.*; (Mach & Kessel) 6, 226, *rep.*
 and tympanic membrane, mechanism (Helmholtz) 8, 400, *rep.*

perilacrimal, presence, and absence of lacrimal bones, 391 skulls (Flecker) 48, 52-72

Weberian, functions, in *Siluridae* (Sörensen) 29, 109-39; 29, 205-29; 29, 399-423; 29, 518-52

Ossification(s) (von Brunn) 9, 190, *rep.*
 carpal, time and rate (Woollard & Young) 72, 167, *P.*
 centres, demonstration (Hamilton) 58, 273-4
 costo-transverse, in upper thoracic region (Dwight) 45, 438-41
 cranial, in man and apes (Duckworth) 35, viii-iv, *P.*
 demonstration by X-ray (Haughton) 32, xxiv
 ectopic, in soft tissues (Gruber) 10, 440, *rep.*
 in the embryo (Harris) 59, 93-5, *S.P.*
 epilunar and hypolunar, and other abnormalities of carpal region (Johnston) 41, 59-65
 epiphyseal, ossification (Appleton) 59, 98-9, *S.P. (rabbit)*
 acceleration (Appleton) 67, 208, *P. (t.o.)*
 influence of mechanical factors (Appleton) 59, 30-2, *S.P. (rabbits)*
see also Epiphysis
 groove of Ranvier, cells in long bones, rat and man (Pratt) 92, 637, *P.*
 of hand bones, variations (Brailsford) 77, 170-5
 in hind limb (Harris) 63, 171-2, *P.*; 63, 267-76 (*cat, lion, pig, sheep, rat*)
 hip-bone, sacrum, 5th lumbar vertebrae, patellae (Fawcett) 40, xv-xvi, *P.*
 irregular, occipital bone, supra-inial portion, and interparietal bone, variations (Hepburn) 42, 88-92
 patella (McKenzie & Naylor) 91, 583, *P.*
 pattern, relation to definitive shape of body of sternum (Ashley) 90, 87-105 (794 adult, 213 juvenile, 403 foetal specimens)
 in twin (55 sets) and triplet sheep foetuses (10 sets) (Smith) 90, 581, *P.*
 rare, X-ray examination observation (Holland) 55, 235-48
 sex differences (Pryor) 62, 499-506

skeleton, male and female (Pryor) 63, 150, *P.*
 suprasternal, 96/563 cases (Paterson) 35, x
in vitro, early stages (Rodová) 82, 175-82 (*fowl embryo*)
 Wormian, 1 case (Barclay-Smith) 43, 277-8

Osteitis deformans, deformities produced in relation to the position of lumbo-sacral articulation (Lane) 22, 15-27

Osteoblast, maturation phenomena (Pritchard) 84, 404, *P.*
 and osteoclast, earlier stages of cytomorphosis (Geddes) 47, 159-72

Osteoclasts, distribution and significance of, in bones and teeth (Köllicker) 6, 433, *rep.*
 and osteoblast, cytomorphosis, earlier stages (Geddes) 47, 159-72
 pinocytosis in (Hancox) 95, 289, *P.*

Osteogenesis, and epithelium, transitional (Johnson & McMinn) 90, 106-16 (*cat*)
 femur, foetal rat (Pratt) 91, 533-44
 imperfecta, 42, 133, *rep.*; (Keene) 59, 36-7, *S.P. (1 foetus)*
 aetiology, man, carnivores (Scott) 95, 606, *P.*
 stimuli (Pritchard) 80, 225-6, *P.*

Osteolepis, semicircular canals (Watson) 59, 77, *S.P. (t.o.)*
Osteolepis macrolepidotus, internal ear (Watson) 59, 385-6

Osteology, The origin of the human skeleton (Broom) 1930. 65, 277-8, *rev.*
*A short course on human osteology (Drennan) 1928. 63, 394, *rev.**
*Dixon's Manual of human osteology (Jamieson, E.B., revisor) 2nd ed. 1937. 72, 641-2, *rev.**
*An introduction to the osteology of the mammalia (Flower) 1870. 5, 191, *rev.**
*Catalogue of the specimens illustrating the osteology and dentition of vertebrate animals (recent and extinct) contained in the museum of the Royal College of Surgeons of England (Flower) part I, 1879. 14, 269-70, *rev.**
*McFadyen's Osteology and arthrology of the domesticated animals (Hughes & Dransfield) 4th ed. 1953. 88, 112, *rev.**
*Schémas de travaux pratiques ostéologie et arthrologie (Olivier) 1959. 94, 570, *rev.**
*The student's guide to human osteology (Wagstaffe) c. 1877. 10, 438, *rev.**

of aborigines of New Zealand and Chatham Islands (Scott) in *Trans. of New Zealand Institute*, vol. xxvi, 1893. 29, 141, 143, *rev.*

Balaeniceps rex (Shufeldt) 35, 406-12
Balaenoptera borealis, or laticeps (Turner) 16, 471-84
 of birds, *Osteologia avium* (Eyton) 1867, 2, 301, *rev.*
 water birds, arctic and sub-arctic (Shufeldt) part I, 23, 1-39; part II, 23, 165-86; part III, 23, 400-27; part IV, 23, 537-58 (*gulls, divers, auks, auklets, murrets, murrelets, guillemots*); part V, 24, 89-116 (*puffins*); part VI, 24, 169-87 (*loons, grebes*); part VII, 24, 543-66 (*Longipennes*); part VIII, 25, 60-77 (*Laridae, Stercoraridae, divers, auks, gulls*); part IX, 25, 509-25, (*conclusions*)
 of *Ceryle alcyon* (Shufeldt) 18, 279-94
 of cranes, rails and allied species (Shufeldt) 29, 21-34
 of *Dinornis australis* (Owen) 9, 406, *rep.*
 comparative, of *Ichthyornis* (Shufeldt) 27, 336-42
 of *Numenius longirostris* (long-billed curlew) (Shufeldt) 19, 51-82
 penguins (Shufeldt) 35, 390-404
 of *Podiceps montanus* (plover) (Shufeldt) 18, 86-102
 of *Scopus umbretta* (Shufeldt) 35, 406-12
 of Dugong (van Beneden) 7, 336, *rep.*

Subject Index

Osteology, (cont.)

- Karl Pearson's contribution (Worthington) 35, 455-75
of Manatee (van Beneden) 7, 336, *rep.*
of *Mesoplodon bidens* (Sowerby's whale) (Turner) 16, 458-70
of *Microgale longicauda* (tenrec) (Dobson) 16, 355-61
taxonomy of *Pygopodes* in relation to (Shufeldt) 26, 199-203
of seals, arctic (Kinberg) 4, 163, *rep.*
of *Sphargis luth* (Gervais) 7, 337, *rep.*
Osteomalacia, experimental production of (Heitzmann) 9, 443, *rep.* (cat, dog)
Osteometry, board for (Hepburn) 34, 111-12
Osteones, collagen and water concentration (Smith) 97, 147-8, *P.* (guinea-pig)
maturation rate, cat (Manson & Waters) 99, 539-49
primary and secondary, structure and distribution in certain adult mammalian long bones (Walmsley & Smith) 93, 564-5, *P.*
secondary, structure, age changes (Smith & Walmsley) 93, 576, *P.*
Ostium, abdominale, of uterine tube, development, rabbit (Amoroso) 69, 152, *P.* (t.o.)
Ostrich, anatomical notes on one specimen (Garrod & Darwin) 7, 337, *rep.*
see also Struthio camelus
Otaria (sea-lion), cervix uteri, duplicity (Cleland) 34, 159-62
Otaria, skull (McBain) 3, 109-12
Otaria jubata (Murie) 4, 163, *rep.*; 6, 446, *rep.*
anatomy (Murie) 9, 405, *rep.*
size of erythrocyte in (Gulliver) 9, 392, *rep.*
Otaridae, osteology (Kinberg) 4, 163, *rep.*
Otitis media, chronic, skeletal effects (Acheson) 93, 123-30 (immature rat)
Otocephalus, 33, 511, *rep.*
rudimentary (de Lima) 58, 145-51
Ourebia ourebi (Zimmerman) (African antelope) elastic fibres in umbilical cord (Kellas) 99, 425, *P.* (dem.)
Outlet, cervico-brachial, pressure, anatomical causes (Mottershead) 81, 399, *P.*
Ovariectomy, oestrogen and progesterone, effects on melanocyte activity (Bischitz & Snell) 92, 646, *P.* (guinea-pig)
unilateral, mating after, rats (Young) 88, 561, *P.*
Ovary, *Embryology of the ovary and testis in Homo sapiens* and *Macaca mulatta* (Wagenen & Simpson) 1965. 100, 678-9, *rev.*
The ovary (edited by Zuckerman) vol 1, 1962. 97, 137, *rev.*
The internal secretion of the ovary (Parkes) 1929. 64, 538-9, *rev.*
abnormalities (Voll, Falk) 26, 436, *rep.*
 β -glucuronidase activity, distribution (Bulmer) 97, 154-5, *P.* (rat, rabbit); 100, 697, *P.*
(Benoit) 61, 515, *P.* (dem. only)
atresia, follicular, *Ornithorhynchus* (Garde) 64, 422-53
autografts, in monkeys (Mandl & Zuckerman) 83, 315-24
cystic, in two-month-old infant (Harris) 64, 303-7; 64, 123, *P.* (t.o.)
disease, incipient (Harris & Doran) 15, 453-65
cysts and dermoid tumours, 36, 301, *rep.*
dermoid tumour, 36, 310, *rep.*
descent, physiology, in human foetus (Hart) 44, 27-34
incomplete, left, with absence of right kidney and partial failure of development of paramesonephric duct (Tapie) 27, 422, *rep.*
development (Born) 9, 207, *rep.* (mare)
double, 36, 304, *rep.*

- effect of oestradiol monobenzoate, lactating rats (Bacsich & Folley) 73, 432-40; 72, 617, *P.*
enzymes, hydrolytic, histochemistry (Bulmer) 97, 305, *P.* (rat, rabbit, guinea-pig, monkey)
esterase-rich cells, rat (Bulmer) 97, 620, *P.*
foetal, histology, human (Bacsich) 84, 75, *P.*
and new-born child (De Sinéty) 10, 454-5, *rep.*
 β -glucuronidase, histochemistry, rat (Bulmer) 100, 697, *P.*; 97, 154-5, *P.*
Graafian follicles (Slavjansky) 5, 379, *rep.*
grafts, multiple (Breward & Zuckerman) 84, 68, *P.*
growth (Zuckerman & Green) 80, 217, *P.*
histology (Rabl) 33, 354 (*ref. only*)
hydroxysteroid dehydrogenases in (Ferguson) 99, 926, *P.* (rodent)
innervation, and of uterine tube, testis and epididymis (Mitchell) 72, 508-17
macrophages, histochemistry, cat (Bulmer) 98, 313-19
malignant teratoma, child, 3 years 11 months, 42, 138, *rep.*
membrana granulosa, origin (Köllicker) 9, 401-2, *rep.*
(non-cystic), vascular changes associated with colloid degeneration (Gabbett) 16, 192-9
in oestrous cycle and early pregnancy (Harrison) 82, 21-48 (goat)
organophosphate-resistant esterase activity (Bulmer) 98, 479-80, *P.* (rat) (dem.)
ovogenesis and follicular development, in goat (Harrison) 81, 382-3, *P.*
peritoneal relations (Kapff) 7, 333, *rep.*
and position, mammalian (Robinson) 21, 169-79 (*comparative study*)
radiosensitivity, postnatal rhesus monkeys (Baker) 99, 921, *P.*
relation to pelvic wall (Waldeyer) 32, 1-10; 31, xxxiv, *P.* (t.o.)
and plumage-markings at throat and breast of black-bird, common Palaearctic (*Turdus merula*) (Patten) 59, 96-7, *S.P.*
and reproductive tract of *Globiocephala melaena* (Ca'ating whale) (Harrison) 83, 72, *P.*; 83, 238-53
seal (Harrison) 84, 400, *P.*
structure (Foulis) 9, 398-400, *rep.* (calves, kitten, woman)
and development, the ova, with reference to the origin and development of follicular epithelial cells (Foulis) 13, 353-81
effects of Vitamin E (Menschik-Myszynski) 80, 223, *P.*
glandular (Langhans) 2, 175-6, *rep.*
supernumerary, with absent vagina and atresia of uterine tubes (Civette) 34, 421, *rep.*
teratoma, child, 42, 138, *rep.*
and tube uterine, congenital absence, unilateral, 38, 369, *rep.*
tumour of, in common pheasant (Slater) 13, 91-2
uterus and vagina, absence, cow, 43, 121, *rep.*
and Wolffian duct, structure and development of (Romiti) 8, 393, *rep.*
Oviduct, blood supply, and shell gland (Hodges) 99, 485-506 (*fowl, duck, turkey*)
epithelium, mouse ('Espinasse) 69, 363-8
histology, domestic hen (Bradley) 62, 339-45
infundibulum, avian, fine structure (Aitken & Johnston) 97, 87-99
paired, in fowl (Crew) 66, 100-3
secretion (Richardson) 69, 138, *P.* (fowl)
secretory activity in sheep (Hadek) 88, 564, *P.*
of Greenland shark (*Laemargus borealis*) (Turner) 12, 604-7; 19, 221-2
in male skate (Matthews) 19, 144-9

Subject Index

- Oviposition**, mode of, in *Amphioxus* (Marshall) 10, 502-5, *rep.*
- Ovogenesis**, follicular development in ovary of goat (Harrison) 81, 382-3, *P.*
- irregularities, and abnormal development of embryo in *Cavia* (Nicol) 68, 75-84
- Ovulation**, in horse (Hamilton & Day) 79, 127-30
- in rabbit (Harris) 83, 82, *P.*
- stimulation (McKeown & Zuckerman) 72, 153-4, *P.* (*ferret*)
- Ovum**, ova, *Memoirs of the Society for Endocrinology* No 6: *Implantation of ova* (edited by Eckstein) 1959. 93, 555, *rev.*
- 15-day *in situ*, human (Frazer) 67, 200-1, *P.*
- agar gel for sections, in mammals (Samuel) 80, 224, *P.*
- atretic, and parthenogenesis, rodent (Bacsich & Wyburn) 79, 177-9
- changes, retrogressive, in epithelial cells of serous layer of (Slavjansky) 8, 170, *rep.* (*rabbit*)
- cicatricule site, in osseous fishes (Gerbe) 10, 455-6, *rep.*
- cleavage *see* Cleavage
- development (Foulis) 9, 398-400, *rep.* (*calves, kitten, woman*)
- film (Lewis & Gregory) 68, 141, *P.* (*t.o.*) (*rabbit*)
- pike (Truman) 4, 161, *rep.*
- river trout (Oellacher) 7, 174, *rep.*
- to blastocyst stage (Hamilton & Laing) 80, 194-204 (*cow*)
- cleavage stage, horse (Hamilton & Day) 79, 127-30
- early, domestic mammals (Amoroso & Griffiths) 73, 359, *P.*; (*Mainland*) 65, 411-26 (*ferret*), 66, 586-601
- and placenta, formation (Robinson) Lecture I, ova, 20 different mammals, 38, 186-205; Lecture II, placenta, pig, sheep, cat, ferret rat, mouse, leopard, 38, 325-40, Lecture III, placenta, hedgehog, bat, monkey, man, perameles, dasyurus, lemurs, 38, 483-502
- in situ* (Thomson) (Odgers) 71, 161-8; 71, 150, *P.* (*t.o.*); (Frazer) 67, 200-1, *P.*
- previllous stage (Dible & West) 75, 269-81
- pronuclear stage (Hamilton) 80, 224, *P.*
- segmentation stages, horse (Hamilton & Day) 80, 224, *P.*
- and structure of, in an annelid (*Eudrilus*) (Beddard) 22, 9-14
- and of ovary, with reference to origin and development of follicular epithelial cells (Foulis) 13, 353-81
- early, two, human (Shaw) 68, 128-30, *P.*
- embedded in decidua, sections and model (Bryce) 43, 1, *P.* (June 1908) (*t.o.*)
- experiments on, frog, 31, 455, *rep.*
- Siredon pisciformis*, 31, 455-6, *rep.*
- ferret (*Mainland*) 65, 411-26, 66, 586-601
- fertilisation, rabbit (Weil) 7, 332-3, *rep.*
- and maturation, phases, human (Hamilton) 78, 1-4; 80, 215, *P.*
- fertilised, with normal, and with abnormal chorion, 38, 361, *rep.*
- fishes, osseous (Ransom) 2, 400, *rep.*
- growth, and of follicle, quantitative study (Green & Zuckerman) 85, 373-5
- heating, to produce artificial inversion of viscera (Duresk) 5, 218, *rep.*
- implantation, *see* Implantation
- lamination of germinal membrane in egg (Riencck) 4, 161, *rep.* (*trout*)
- lipoids in, and in zygotes (Robinson) 59, 109-11, *S.P. (ferret, mouse)*
- living, mammalian (Hamilton) 68, 145, *P.*
- maturation (Thomson) 53, 172-208
- and fertilization, phases, human (Hamilton) 78, 1-4, 80, 215, *P.*
- migration, transuterine, sheep and other mammals (Boyd *et al.*) 78, 5-14
- transuterine, sheep (Boyd *et al.*) 80, 217, *P.*
- albino rat (Young) 86, 481, *P.*
- ovarian, structure and growth in *Gasterosteus aculeatus* (Ransom) 2, 176, *rep.*
- of hedgehog (Carher) 33, 304-8
- multinuclear in young human (Bacsich) 80, 243-4, *P.*
- from oviduct and uterus, sheep (Hadek) 87, 435, *P.*
- in ovo, 1 case (Herrick) 34, 414-15, *rep.* (*hen egg*)
- and placenta, in dugong (Hartung) 13, 116-17, *abs.*
- polynuclear, in man, 35, 500, *rep.*
- segmentation, effect of centrifugal force, *Rana esculenta* (Hertwig) 34, 410, *rep.*
- and fertilisation in *Echinus esculentus* (Bryce) 34, li, July 1899
- stages, *see* Ovum, development
- structure of, in *Reptilia* (Eimer) 6, 447, *rep.*
- and origin of (Kollicker) 9, 401-2, *rep.* (*puppies*)
- see also* Ovum, development
- tubal, living, horse (Amoroso, Griffiths & Hamilton) 73, 672, *P.*
- in goat, first finding (Hamilton *et al.*) 73, 359, *P.*
- journey and rate of cleavage, goat (Amoroso, *et al.*) 73, 672, *P.* (*t.o.*)
- and cleavage rate, in dog (Amoroso) 74, 553-4, *P.* (*disc. only*)
- supravital staining (Bacsich & Hamilton) 83, 62, *P.* (*rabbit*)
- and uterine, cow, demonstration (Amoroso *et al.*) 76, 229, *P.*
- vitality in *Echinus sphoera* (sea urchin) and *Patella vulgata* (lumpet) (Gemmull) 34, 163-81
- see also* Egg(s)
- Owl**, Pel's, *see* *Scotopelia peli*, Temm.
- Ox(en)**, castrated, penis, adherence to sheath in (Ashdown) 91, 580, *P.*
- free end, development (Ashdown) 93, 569-70, *P.*
- embryos, rudimentary metacarpal and metatarsal bones of (Mettam) 29, 244-53
- organ, vomeronasal in (Minett) 60, 110-18
- Oxalic acid**, in urine (Furbringer) 11, 567, *rep.*
- Oxidation**, processes in animal organism (Pfluger) 7, 347, *rep.*
- in normal and asphyxiated animals (Stroganoff) 11, 556-7, *rep.*
- sensitivity, of haemoglobin, effect of diet, rat (Metcalf) 95, 452, *P.*
- increased of haemoglobin to, in children, pregnant women and patients with malignant disease (Metcalf) 95, 285, *P.*
- Oxycephaly**, 44, 100, *rep.*
- and proptosis (Tucker) 39, 504, *rep.*
- Oxygen**, absorption during day and night (Henneberg, Schultze, Märker & Busse) 5, 222-3, *rep.*
- absorption by blood (Gréhan) 8, 199, *rep.*
- by blood at different barometric pressures (Bert) 10, 644-5, *rep.*
- and carbon dioxide, influence on cardiac action (Cyon, E) 2, 183, *rep.*
- compressed, action of, on scorpion venom and viruses (Bert) 13, 241, *rep.*
- effect of on bacteria in blood culture (Feltz) 13, 264, *rep.*
- consumption and efficiency of muscular action (Darcus, Weddell & Weiner) 81, 394, *P.*
- diffusion of in the animal organism (Pfluger) 7, 347, *rep.*
- effects of excess on vertebrates invertebrates and isolated tissue (Bert) 8, 215-16, *rep.*

Subject Index

Oxygen, (cont.)

- in formation of pus (Binz) 8, 403, *rep.*
- high pressure, organ culture under (MacDougall) 97, 149, *P.*
- hyperbaric pressures, liver in organ cultures at (MacDougall *et al.*) 99, 192, *P.* (mouse, rat)
- organ culture at, technique (MacDougall & Pyper) 99, 211, *P.* (dem.)
- liver cell alterations during (Coupland & MacDougall) 100, 424, *P.*
- and increased reflex excitability (Ananoff) 9, 218, *rep.*
- regional differences of (O'Connor) 84, 401, *P.*
- uptake of blood at different barometric pressures (Bert) 8, 403, *rep.*
- variation of absorption and CO₂ excretion during night and day (Pettenkofer & Voit) 2, 181, *rep.*
- Oxygenation**, of blood, pulmonary (Charles) 34, 238-47
- Oxyhaemoglobin**, dissociation of (Schmidt) 9, 230-1, *rep.* (guinea-pig, frog)
- influence of acids of (Strassburg) 6, 457, *rep.*
- Ozone**, action of, on blood (Dogiel) 10, 204-5, *rep.* (dog, frog)
- physiological, in air (Barlow) 14, 107-30 (frog, guinea-pig, rabbit, also in vitro expts. on blood)

Paca, see Dinomys

Pacchionian bodies, see Granulations, arachnoid

Pads, fat, epididymal, rat (Backhouse & McFarlane) 97, 306, *P.*

- synovial, structure and weight, in European and African adults and juveniles (Davies & White) 95, 30-7

Paget's disease, bone limb, lower, circulation (Barlow) 93, 564, *P.*

Pain, On the influence of mechanical and physiological rest in the treatment of accidents and surgical diseases, and the diagnostic value of pain

(Hilton, ed. by Walls & Philipp, with the collaboration of Atkins) 6th ed. 1950. 85, 303, *rev.*

abdominal, causation, and afferent nerve supply of the mesentery (Sheehan) 67, 233-49 (man, cat)

anatomy (Weddell) 73, 671, *P.* (disc. only)

contralateral reference of (Ermerins) 1, 176-8, *rep.*

cutaneous, neurohistological basis, experimental study, man (Woollard, *et al.*) 74, 413-40

effect of on rectal temperature (Horwath) 5, 409, *rep.* (rabbit)

periosteal and tendon (Weddell & Harpman) 74, 555, *P.*

reference, in skin (Sinclair) 84, 64, *P.*

segmental, ligaments, intervertebral as a source (Sinclair) 83, 69, *P.*

sensibility (Weddell) 81, 374, *P.*

in deep somatic structures (Weddell, *et al.*) 83, 75-6, *P.*

from face and head (Rowbotham) 81, 377-8, *P.*

'spots', innervation, multiple, cutaneous, and quality of sensation, I. physiological investigation (Feindel) 81, 388-9, *P.*; II. Histological observations (Weddell) 81, 389, *P.*

tendon and periosteal (Weddell & Harpman) 74, 555, *P.* (man)

Palaeolithic man, teeth, from Jersey (Keith & Knowles) 46, 12-27

Palaeoneurology, Die Fossilen Gehirne (Edinger) 1929, reprinted from *Ergeb. Anatomie Entwicklungen*, 1929, Bd. XXVIII, Abt. III, 64, 254-5, *rev.*

Palaeoniscidae, myodome and trigemino-facialis chamber (Allis) 56, 149-54

Palaeontology, Man the toolmaker (Oakley) 1949. 84, 324, *rev.*

Palaeopathology, Studies in the palaeopathology of Egypt (Ruffer, edited by Moodie) 1921. 56, 160, *rev.*

Palaeostoma, see Mouth, old

Palate, Dentition and palate of the Australian aboriginal (Campbell) 1925. 60, 462, *rev.*

action, and of superior constrictors (Round) 68, 145, *P.* (t.o.)

and alveolar ridge, development (Bolk) 55, 138-52

anatomy (Blakeway) 48, 409-16

bony, The teeth, the bony palate and the mandible in Bantu races of South Africa (Shaw) 1931. 66, 126-7, *rev.*

cleft (Lawrence) 25, 441; 27, xvii, *P.*

alveolar form, relation to incisor teeth (Turner) 25, viii-ix, *P.*

2 unusual cases (Johnston) 59, 15-16, *S.P.*

and double hare lip, 1 case (Busachi) 27, 418, *rep.*

hare lip, and failure of development of pinna, in same foetus (Hirschberg) 27, 418, *rep.*

morphology of (Smith) 1, 151, *rep.*

muscles of the palate and superior constrictor of pharynx (Whillis) 65, 92-5

in relation to incisor teeth and pre-maxillary bones (Turner) 19, 198-213

in snakes (Bellairs & Boyd) 85, 427, *P.*

and epiglottis, development of in animals (Bowles) 23, xix-xx, *P.*

highly-arched, see Hypsistaphia

and jaw, upper, bones in fishes (Kesteven) 56, 307-24

mucosa, denervation experiments (Dixon) 92, 649, *P.* (monkey, rabbit)

white rat (Jolly) 99, 945-6, *P.A.S.A.N.Z.*

of *Ornithorhynchus paradoxus*, dumb-bell shaped bone in, compared with prenasal bone of pig (Turner) 19, 214-17

secondary, closure, 2 strains of rat (Harris) 93, 566, *P.*

effect of administering vitamin A alone or with cortisone (Harris) 94, 291, *P.*

growth changes in cranial base and lower jaw during, rat (Harris) 95, 286, *P.*

growth of lower jaw and cranial base in normal and cortisone treated strain of mice (Harris) 97, 636, *P.*

in snoring (Whillis) 81, 371, *P.*

soft (Wood Jones) 74, 147-70 (comparative)

anomalies (Broeckart) 34, 417, *rep.*

congenital absence (Shepherd) 15, 295-6, *anat. not.*

innervation, intrinsic (Williams & Dixon) 97, 259-67 (monkey, rabbit, cat, rat); 97, 151, *P.*

perforation, congenital, 37, 306, *rep.*

Palatine bone, development, ossification and growth, human embryo, 19 mm. (Fawcett) 40, 400-6; 40, xiii-xiv, *P.*

Palladium, effects of intravenous and intra-arterial injection (Blake) 6, 95-100 (dog)

Pallis, Anthropology of the Todas and Kotas of the Nilgiri Hills and of Brahmans, Kammalans, Pallis and Pariahs of Madras City (Thurston) 1896. 30, 584-5, *rev.*

Palp, mandibular, homologue of in certain insects (Hollis) 6, 395-7

Palsy, Peripheral facial palsy: pathology and surgery (Kettel) 1959. 94, 566, *rev.*

ulnar nerve, movements of digits (Bowden, Napier & Whillis) 84, 76, *P.*

Paludicolae, osteology of some species (Shufeldt) 29, 21-34

Pan, (chimpanzee), (Humphry) 1, 254-68

including brain, 1 young specimen, 'Gumbo' (Dwight) 30, 312, 313-14, *rev.*

Subject Index

Pan, (cont.)

- brain and spinal cord (Cunningham) 31, xiii, *P.*
 and intestines (von Bischoff) 13, 266 (*t.o.*); comment by Turner, 13, 277
 chondrocranium, 71 mm. CR. length (Starck) 93, 588, *P.*
 cord, spinal, anatomy, topographical (Bruce) 43, iii, *P.* (July 1907) (*t.o.*)
 and brain (Cunningham) 31, xiii, *P.*
 cranium (Hartmann) 7, 334, *rep.*
 foetus and placenta *in situ*, description (Morton) 91, 605, *P.*
 gyri, cerebral (Benham) 30, 312, 313, *rev.*
 intestines and brain (von Bischoff) 13, 266 (*t.o.*); comment by Turner, 13, 277
 mandible, abnormal (Patten) 59, 19-20, *S.P.*
 muscles, facial (Lightoller) 60, 1-85
 nerves, cranial (IVth, Vth & VIth) in (Cunningham) 31, xl, *P.* (*t.o.*)
 facial, intrapontine course (Cunningham) 32, xl, *P.* (*orang, man*)
 sutures and sutural bones, arrangement and distribution (Patten) 43, iv, *P.* (November 1908) (*t.o.*)
 teeth, milk canine of (Le Gros Clark) 85, 408, *P.*
 thalamus, IV. Thalamic projections to cerebral cortex (Walker) 73, 37-93
Pan satyrus, see *Pan troglodytes*
Pan troglodytes, *A stereotaxic atlas of the chimpanzee brain* (Pan satyrus) (DeLucchi *et al.*) 1965, 100, 211-12, *rev.*
 acrocephalo-oligodactylism in, 1 specimen (Schultz) 92, 568-79
 anatomy, notes on cranio-facial skeleton, musculature, arteries and peripheral nerves (Sutton) 18, 66-85
 sexual skin, Part VII Menstrual cycle of Primates (Zuckerman & Fulton) 69, 38-46
 see also, Apes, anthropoid; *Pongo*
 Pancreas, accessory, 2 cases, 38, 369, *rep.*
 of *Acipenser*, *Amia*, and *Lepidosteus* (Macallum) 20, 604-36
 action (Senator) 3, 228-9, *rep.*
 amyotrophic ferment of (Paschutin) 8, 409, *rep.*
 β -cells, specific granularity, starved and free-fed guinea-pig (Lever & Findlay) 98, 55-62; 98, 289-90, *P.*
 stimulated *in vitro*, cytology (Findlay *et al.*) 100, 688, *P.*
 β -granules, quantitative studies, rat (Findlay & Lever) 97, 620, *P.*
 blood sugar levels and β -cell appearances, guinea-pig (Findlay & Lever) 97, 304-5, *P.*
 bud, aberrant in jejunal wall, 1 case (Everidge) 59, 60, *S.P.*
 changes in, after cobalt treatment, guinea-pig (Lever) 95, 610, *P.*
 postnatal in tissue connective and lobulation (Emery) 85, 159-62
 cholinesterase distribution, rat, cat, rabbit (Coupland) 91, 597, *P.*; 92, 143-9
 deformity, with abnormal duodenal loop (Taylor) 43, ii (March 1907) (*t.o.*)
 and duct (Helly) 33, 354 (*ref. only*)
 enzymes (Grützner) 11, 561-2, *rep.*
 foetal, effect of maternal administration of cortisone (Lee & Ring) 90, 583, *P.* (*rabbit*)
 granules, alpha cell, staining phosphotungstic acid haematoxylin (Levene) 97, 647, *P.*
 of hibernating hedgehog (Carlier) 30, 334-46
 histology of, in relation to stages of digestive function (Heidenhain) 10, 648-9, *rep.*

- innervation, cholinesterase technique, rat, cat, rabbit (Coupland) 92, 143-9; 91, 597, *P.*
 intrinsic (Libman & Sutherland) 99, 420-1, *P.* (*monkey, rat, cat, rabbit, guinea-pig*)
 islet cell survival, *in vitro*, rabbit (Lever *et al.*) 99, 934, *P.*
 see also Cells
 lobe, see Lobe, of pancreas
 ring-like extension surrounding duodenum (Symington) 19, 292
 lymph vessels of, see Lymph vessels of pancreas
 nerves (Pflüger) 4, 156, *rep.*
 of osseous fish (Legouis) 7, 338, *rep.*
 secretions (Bernstein) 4, 325-6, *rep.*; (Landau) 8, 410-11, *rep.* (*dog*); (Afanassiew & Pawlow) 13, 244, *abs.* (*dog*)
 effects of muscarine on (Prevost) 9, 240-1, *rep.* (*cat, dog, rabbit*)
 structure (Saviotti) 4, 156, *rep.*
 topography of (Birmingham) 31, 95-113; (Addison) 35, 298
 vascularization (Adams) 86, 479, *P.*; (Adams & Harrison) 87, 257-67
 ventral, development (Odgers) 65, 1-7; 65, 165, *P.* (*man*)
 Pancreatotomy, effect on fat absorption (Schiff) 7, 353-4, *rep.* (*birds, dogs*)
 partial, effect on grafts, pancreatic (Coupland) 91, 581, *P.* (*rat*)
 Pangenesis, experiments (Galton) 6, 246-7, *rep.* (*rabbit*)
 Pangolin, myology of limbs (Humphry) 4, 17-78
 Panniculus, head, neck muscles of mammals (Parsons) 32, 428-50
 adiposus, foetal muscles (Lightoller) 60, 1-85 (*human and chimpanzee*)
 Panum, on experimental invasion of pepsin in gastric fistulae, 6, 460, *rep.*
 Papaverine, action (Leidesdorf) 3, 223, *rep.*; (Hofmann) 3, 374, *rep.*
 Papillae, conjunctival, development, in chick embryo (Murray) 77, 225-40
 cutaneous, in hand and foot (Alix) 3, 200, *rep.* (*mammalia*)
 duodenal, (Letulle & Larrier) 33, 353 (*ref. only*)
 histology, with reference to the ampulla of Vater, choledochoduodenal junction and sphincter of Oddi (Kirk) 78, 118-20; 77, 120-1, *P.*
 major, anatomy and special reference to sphincter (Dardinski) 69, 469-78
 filiform, tongue, structure and histochemistry, rat (Cane & Spearman) 100, 691, *P.*
 foliata, of human infant (Tuckerman) 22, 499-501
 of tongue (Lovén & Schwalbe) 3, 200, *rep.*
Papio porcarius (Chacma baboon) brain (Major) 13, 267 (*t.o.*); comment by Turner, 13, 279
 peroneus tertius muscle in (Wells) 69, 508-14
 post-orbital bone in (Goldblatt) 62, 90-9
 Para-nut, crystal preparation from (Schmiedeberg) 13, 237, *abs.*
 Paracephalus, 1 case, 38, 365, *rep.*
 amelus macrocardius heteromorphous, 1 case, 42, 134, *rep.*
 Paradoxure, two-spotted, anatomy of caecum and bulla of (Flower) 7, 335, *rep.*
 Paraesthesia, pathways subserving (Sinclair) 81, 374-5, *P.*
 Paraffin, impregnation for museum specimens, (Gellért & Bacsich) 71, 139-40, *P.*
 naphthalene impregnation, of 'dry' specimens (Blair, Davies & McClelland) 66, 153, *P.* (*t.o.*)

Subject Index

- Paraganglia**, aortic, blood supply and innervation, cat (Nonidez) 70, 215-24
and body, carotid (da Costa) 69, 479-83 (*mammals*); 70, 190, *P.*
vagal abdominal, in adult mouse (Goormaghtigh) 71, 77-90
- Paralysis**, congenital, of muscles of fingers (Shaw) 39, 509, *rep.*
effect on development of adventitious cartilages in embryonic and post-hatching chick (Murray & Hall) 100, 937, *P.A.S.A.N.Z.*
induced by decamethonium, effects on vertebral column of chick embryo (Sullivan) 99, 954, *P.A.S.A.N.Z.*
reversible, of lateral vestibular nucleus (McDowall) 72, 474, *P. (dem.)*
see also Palsy
- Paraphimosis**, anatomy (Thompson) 59, 61-2, *S.P.*
- Parasite(s)**, acephalous, on girl, 33, 515, *rep.*
in blood of mammals (Vonwiller & Demole) 61, 519, *P. (dem. only)*
damaging striated muscle, *Trichinella spiralis* and *Brugia malayi*, histochemistry (Beckett & Macdonald) 99, 408, *P.*
infesting cetacea of N.W. coast of America (Dall) 7, 335, *rep.*
- Parasphenoid bones**, amphibian, relations (Kesteven) 50, 303-7
and reptiles, and pterygoid bone (Kesteven) 53, 223-38; notes on this paper (Watson) 53, 239-40
- Parasyndesis** (Winiwarter) 61, 491-2, *P.*
- Parathormone**, and grey-lethal mouse (Barnicot) 79, 83-91
- Parathyroid extract**, commercial, effect on embryonic avian bone *in vitro* (Hancox) 95, 411-15
- Pariahs**, *Anthropology of the Todas and Kotas of the Nilgiri Hills and of Brahmans Kammalans, Pallis and Pariahs of Madras City* (Thurston) 1896, 30, 584-5, *rev.*
- Parietal bone**, bipartite, 40, 298, *rep.*; (Barclay Smith) 33, xxiv, *P. (1 case)*
Australian aboriginal skull (Berry) 44, 73-82
bilateral and symmetrical (Patten) 46, 28-32 (*orang*)
in *Cebus capuchinus* (Patten) 59, 79-80, *S.P.*
model of cranium (Patten) 60, 471-2, *P.*
in *Felis concolor* (puma), also temporal bone (Patten) 59, 97, *S.P.*; 59, 84, *S.P.*
depressions in orang and in man (Humphry) 8, 136-41
post-coronal (Blair) 59, 3, *S.P.*
symmetrical on outer table, 3 cases (Shepherd) 27, 501-4
double, in an Australian aborigine skull (Turner) 25, 473-4
double in Scottish skull (Turner) 35, 496
fissures, horizontal, 2 hydrocephalic foetuses (Schwalbe) 39, 504, *rep.*
fracture, repair, in rats (Pritchard) 80, 55-60; 80, 222-3, *P. (rat)*
grooves, large on inner aspect, cause (Coen) 48, 293-8
of meningeal veins (Jones) 46, 228-38
markings on (Hyrtl) 7, 326, *rep.*
perforation, with skull flattening, female subject (Derry) 48, 417-29
symmetrical, of both (Greig) 26, 187-91 (*1 case*) (Paterson & Lovegrove) 34, 228-37 (*3 cases*)
ossa interparietalia (Hensel) 9, 388, *rep.*
suture, horizontal, 1 specimen (Curnow) 27, xii, *P.*
para-sagittal, foetal (Hyrtl) 7, 326, *rep.*
thinning, bilateral and unilateral (Cave) 61, 486-7, *P.*
- symmetrical (Durward) 63, 356-62; (Brash) 67, 193, *P.*
in ancient Egyptians (Elliot Smith) 41, 232-3; 41, iv, *P. (June 1906) (t.o.)*
- Paroophoron**, histological structure (Duthie) 59, 410-31
- Parrot**, *see* Nestor
Carolina, *see* *Conurus carolinensis*
- Pars intermedia** of hypophysis cerebri, anthropoid apes and man (Plaut) 70, 242-9
- Pars membranacea septi**, of human heart, development (Odgers) 72, 247-59; 72, 154, *P.*
formation (Frazer) 51, 19-29; 51, 9-10, *P. (June 1916)*
- Pars nervosa** of hypophysis cerebri, *see* Hypophysis cerebri, pars nervosa
- Pars tuberalis**, of hypophysis cerebri (Harris) 81, 343-51; 81, 379, *P.*
- Parthenogenesis**, of atretic ova, rodents (Bacsich & Wyburn) 79, 177-9
in water vole (*Microtus amphibius*) (Sansom) 55, 68-77
- Parturition**, expulsive force in (Duncan) 2, 415, *rep.*
in fruit-bat, *Pteropus giganteus*, film of some stages (Hughes) 90, 595, *P.*
muscular forces employed in (Haughton) 4, 300-1, *rep.*
rabbit (Franklin & Winstone) 88, 545, *P.*
- Passages**, biliary, of common otter (*Lutra vulgaris*) (Burne) 33, xx-xxi, *P.*
- Passer domesticus** (common sparrow), corpus striatum, development (Durward) 68, 492-9
(sparrow) duplication of leg, 1 specimen (Stoneman) 66, 430-1, *anat. not.*
- Patches**, Peyer's, *see* Lymph nodes, aggregated
pigmentary, in sacro-lumbar region in Japanese, 37, 301-2, *rep.*
- Patellae**, accessory, and emargination of patella, 1 case (Wright) 38, 65-7
development (Walmsley) 74, 360-8; 74, 141, *P.*
emargination (Kempson) 36, 419-20
and accessory patellae (Wright) 38, 65-7
excision, experimental, rabbits (Bruce & Walmsley) 74, 143, *P. (dem.)*
index, *see* Index, patella
influence on extension of knee-joint (Lickley) 38, 68-70
influence of posture on articulation of (Lamont) 44, 149-50
ossification (McKenzie & Naylor) 91, 583, *P.*
centre of, double (Fawcett) 40, xvi (*t.o.*)
structure and varieties (Corner) 34, xxvii-xxviii (February 1900)
- Patella vulgata** (limpet) ova and spermatozoa, vitality (Gemmell) 34, 163-81
orifice (Lankester) 2, 406, *rep.*
- Path(s)**, afferent, cholinergic, to hippocampal formation and amygdaloid in experimental material (Shute & Lewis) 95, 287-8, *P. (rat)*
neural in lactation (Eayrs & Baddeley) 90, 161-71 (*rat*)
neurosecretory, from paraventricular nuclei, hedgehog (Campbell) 100, 702, *P. (dem.)*
occipitotectal, rat (Lund) 100, 51-62
of pain, in face and head (Rowbotham) 81, 377-8, *P.*
respiratory, anatomy, comparative, fowl, pigeon, duck (Akester) 94, 582, *P.*
subserving paraesthesia (Sinclair) 81, 374-5, *P.*
visual (Warwick) 93, 570, *P. (TV dem.)*
experimental study, snake (*Natrix natrix*) (Armstrong) 85, 275-88
in *Lacerta vivipara* (Armstrong) 84, 70, *P. (expt.)*; 84, 146-67 (*expt.*)
in unilateral anophthalmia (Rogalski) 80, 153-9
see also Retina

Pathology, The borderland of embryology and pathology (Willis) 97, 295, *rev.*
Pathology of the fetus and the infant (Potter) 2nd ed. 1961. 96, 411, *rev.*
 dental, demonstration (Watson) 25, iii, *P.* (SMS) (*t.o.*) and teratology, 37, 298-9, *rep.*
Patterns, aortic arch, 133 macaques (De Garis) 70, 149-58
 in American White and Negro stocks, and comparison with other mammals (Black, De Garis & Reimtschneider) 67, 598-619
 nervous, preterminal, development and organisation, palmar digital skin (Cauna & Mannan) 92, 658-9, *P.*
 of sensory overlap, nasal midline, pig (Fitzgerald) 97, 313-22
 vascular, bone, mammalian (McAdam) 97, 646-7, *P.*
 insulin induced changes, chick embryo (McKenzie & Chaytor) 92, 664, *P.*
 intrinsic, duodenum, brush-tailed possum (Perrott) 100, 945, *P.A.S.A.N.Z.*
 kidney, rat (Moffat & Fourman) 97, 543-53
 vascular, lower limbs (Woollard & Weddell) 69, 25-37
Paullinia sorbilis, fruit of, *see* Guarana
Pearson, K., contributions to osteology (Worthington) 35, 455-75
Peas, nutritive value (Woroschiloff) 8, 205-6, *rep.*
Pecten, in eye of a bird (Mihalkovics) 8, 177, *rep.*
Pecten irradians (beaming pecten) 11, 563
Pedagraph, for reading instantaneous footprints (Barnett) 88, 574, *P.*
Peduncles, cerebellar connections of, Sull'origine e decorso dei pedunculi cerebellari e sui loro rapporti cogli altri centri nervosi (Marchi) 1891. 26, 568-73, *rev.*
 middle, arrangement of fibres (Jamieson) 44, 234-40
 symptomatology and degeneration following lesions of, and cerebellum and nucleus cuneatus (Ferrier & Turner) in *Proc. R. Soc., Lond.*, 1893, Nov. 30, 28, 382-4, *rev.* (*monkeys*)
 cerebral, function (Afanaseff) 6, 218, *rep.* (*animal*)
 of corpora mamillaria, degeneration, considered with fornix, post-commissural (Guillery) 90, 350-70
 origin from midbrain (Cowan *et al.*) 98, 345-63 (*rabbit, rat*)
Peking Man, sinanthropus, significance (Elliot Smith) 66, 140, *P.*
Peking Union Medical College, contributions from the Department of Anatomy, vol. v. Collected papers, nos. 84-114, 1930. 65, 405, *rev.*
Pelias berus, see Vipera berus
Pelvimetry (Garson) 16, 106-36 (*European, Australian, Andamanese*)
Pelvis, Problems in the anatomy of the pelvis, an atlas (Uhlenhuth) 1953. 88, 432, *rev.*
 anatomy, especially fascia and visceral supports (Elliot Smith) part I, 42, 198-218; part II, 42, 252-70
 of birds (Gegenbaur) 5, 385-6, *rep.*
 bones, of manatee (sea cow) (Krauss) 7, 336, *rep.*
 and muscles, compared with shoulder girdle and muscles (Humphry) 5, 67-88 (*comparative anatomy*)
 brain, skull of 2 scaphocephalic subjects (Smith) 34, xlv, July 1899 (*t.o.*)
 British, modern, 52 specimens (Hepburn) 59, 328-30
 castration, effects, and sexual dimorphism, rat (Harrison) 92, 672-3, *P.*
 comparison, male and female, radiography (Young & Ince) 74, 374-85

diameters, conjugate and transverse of brim (Nicholson) 79, 131-5
 dimorphism, sexual, and effects of castration, rat (Harrison) 92, 672-3, *P.*
 epiphyses (Parsons) 37, 315-23; 37, xli, *P.* (*comparative study*)
 fasciae, and levator ani, relations (Thompson) 35, 127-41
 female, Bantu (Heyns) 78, 151-66
 sexual characteristics, East African (Allbrook) 92, 670, *P.*
 foetal, sex differences (Boucher) 91, 602, *P.*
 form and function, *Körperbau und Menschwerdung. Konstruktionspläne, enthüllt durch eine Kausalanalyse der Menschlichen Beckenform* (von Arx) 58, 280-2, *rev.*
girdle, and shoulder-girdle, correspondence between (Flower) 4, 239-45 (*mammals*)
 growth experimental, rat (Harrison) 92, 483-8
 influence of femoral head on, rat (Harrison) 95, 12-24
 and joint sacro-iliac (Harrison) 89, 558, *P.* (*rat, guinea-pig, rabbit, human foetus*)
 madder-fed pig (Payton) 69, 326-43; 70, 193, *P.* (*t.o.*)
 after hind-limb amputation, rat (Harrison) 90, 563, *P.*
 inlet of, diameters of as basis of classification (Turner) 20, 125-43
 ischio-pubic part, growth, rat (Harrison) 99, 206, *P.*
 of Javanese women (Garbiglietti) 3, 196, *rep.*; (Zaaijer) 4, 151-2, *rep.*
 of kidney, rabbit (Sheehan & Davis) 93, 499-502
 gland-like structures (Johnson) 85, 416, *P.*
 glomeruli, ectopic (Fourman & Moffat) 97, 311-12, *P.* (*dog, rabbit, ferret*)
 variation, demonstration (Thomson) 31, i
 malformation (Palmer) 20, 354-6, *anat. not.* (*female twin*)
 mammalian, with reference to *Ornithorhynchus anatinus* (Howes) 27, 543-56; 27, xxxviii
 measurements in Hindu females (Pan) 63, 263-6
 (Naegele), 1 case of disproportion (Griffith) 21, 163-5, note by Professor Humphry 165-6
 nerves, autonomic, outflow (Calabrisi) 88, 569, *P.*
 obliquity, in living subject (Appleton) 74, 140, *P.* (*disc. only*)
 peritoneum (Dixon & Birmingham) 36, 127-41; 36, xxvii, *P.*
 viscera, floor, 2 male subjects (Symington) 34, 101-10
 wall, lateral, of cavity and ovarian groove (Waldeyer) 32, 1-10 (*human*); 32, xxii (*t.o.*)
 outer, topography, in relation to ovary (Waldeyer) 31, xxxiv (*t.o.*)
Penguin, development (Waterston & Geddes) 43, iii, *P.* (July 1907) (*t.o.*)
 Emperor, embryology, early (Glenister) 87, 458, *P.*
 osteology (Shufeldt) 35, 390-404
Penicillium, presence of sugar-forming substance in (Dew-Smith) 8, 82-4
Penis, absence, 25, 441
 congenital, with multiple anomalies of urogenital organs and limbs, 37, 308, *rep.*
 adherence, to sheath in castrated oxen (Ashdown) 91, 580, *P.*; 93, 569-70, *P.*; 94, 198-204
 congenital, to scrotum, with hypospadias (Busachi) 27, 422, *rep.*
 atrophic, congenital, in absence of infantilism (Macquart) 39, 507, *rep.*
 bifid, 1 case (Lipschutz) 58, 254-5
 with penial hypospadias, 1 case (Pires de Lima) 49, 85-9

Subject Index

Penis, (cont.)

- double, 31, 461, *rep.*; 30, 458-9, *rep.*; 34, 420, *rep.*;
- 38, 369-70, *rep.*
- 1 case (Donald) 64, 523-6; 64, 121, *P. (t.o.)*
- with atresia ani, 32, 792, *rep.*
- below ectopia vesicae (Thompson) 64, 121, *P.*
- and other congenital abnormalities (Küttner) 31, 461, *rep.*
- foetal, sexual differences (Thomson) 33, 359-80; 33, vi, *P.* (November 1898)
- free end and sheath, adherence, ox (Ashdown) 94, 198-204
- development in castrated oxen (Ashdown) 93, 569-70, *P.*; 91, 580, *P.*
- shape, bovine (Ashdown) 91, 596-7, *P.*
- malformations, classification, 43, 122, *rep.*
- mechanism of erection (Eckhard) 2, 415, *rep.*
- in new-born, 7 cm in length, with atresia ani, 40, 300, *rep.*
- rudimentary, with vesico-rectal fistula, 32, 792, *rep.*
- torsion, 43, 122, *rep.*
- see also* Epispadias. Hypospadias
- Pentacrinus*, anatomy (Carpenter) 12, 35-53
- Pentadactyly* as atavism (Gegenbaur, trans. & abs. by Garson & Gadow) 16, 615-22
- Pepsin* (Heintz) 6, 460, *rep.*
- action on blood fibrin (von Wittich) 7, 352, *rep.*
- casein digested artificially by (Lubavin) 6, 460, *rep.*
- colorimetric estimation of (Grützner) 9, 235, *rep.*
- in commerce (Symes) 9, 426, *rep.*
- and digestion of albumin (Ransome) 10, 459-64
- and derivatives of (Fick) 6, 460, *rep.*
- formation (Ebstein & Grützner) 7, 186, *rep.*
- and excretion of (Grützner) 11, 201-4, *rep. (cat, dog, pig, rabbit)*
- and secretion of, in batrachians (Swiczicki) 11, 559, *rep.*
- in stomach (Ebstein & Grützner) 8, 207, *rep.*
- method of estimating action of (Grünnhagen) 6, 460, *rep.*
- physiological and microscopical investigations in secretion of (Herrendörfer) 11, 559, *rep.*
- secretory cells (Friedinger) 6, 460, *rep.*; (Rollett) 6, 460, *rep.*
- Peptones* (Brücke) 5, 224, *rep.*; (Monlenfield) 8, 204, *rep.*; (Plósz) 9, 234, *rep.*; (Kossel) 11, 559, *rep.*
- dietetic value of (Plosz) 10, 213, *rep. (dog)*
- intestinal absorption of and detection in portal vein (Drosdoff) 13, 245-6, *abs.*
- nutritive value of (Plósz & Gyorgyai) 10, 647-8, *rep. (dog)*
- produced from fibrin (Möhlenfeld) 7, 352, *rep.*
- Perameles* (bandicoot) acetabulum, false, in (Bridge) 42, 57-9
- electron microscope study (Sapsford *et al.*) 99, 952, *P.A.S.A.N.Z.*
- spermiogenesis, centrioles in, history (Cleland) 98, 487, *P.A.S.A.N.Z.*
- spermatozoa, development, electron microscopy (Sapsford *et al.*) 100, 950, *P.A.S.A.N.Z.*
- nasuta* (bandicoot), hair, cortical cells, structure (Molyneux) 97, 488, *P.A.S.A.N.Z.*
- Geoffroi* (long-nosed bandicoot) intestinal mucosa and digestive secretion (van Lennep) 97, 488, *P.A.S.A.N.Z.*
- DNA content and volume of epididymal duct nuclei (Cleland & Rae) 97, 492-3, *P.A.S.A.N.Z.*
- obesula*, placenta (Hill) 30, 585-6, *rev.*
- Peramelidae*, classification (Abbie) 71, 429-36
- Perca fluviatilis* (perch), development of blood corpuscles of (Wenckebach) 19, 231-6

- Perception, Human senses and perception* (Wyburn *et al.*) 1964. 99, 187, *rev.*
- visual, time needed for (Exner) 4, 328, *rep.*
- Percolator*, ether, for laboratory use (Macphail) 15, 105-9
- Perfusion*, vascular, of lungs (Towers) 88, 577-8, *P.*
- Pericardium*, congenital absence of (Tait) 3, 456, *rep.*
- and heart, development of in *Bufo cinereus* (Oellacher) 5, 386, *rep.*
- deficiency, congenital (Chase) 50, 299-302
- partial (Keith) 41, 6-7; 43, 121, *rep.*
- development, early (Robinson) 37, 1-17 (*Amphibians, birds, mammals*)
- changes, and of mesocardia and pleural sacs, embryo (Waterston) 50, 24-9; 50, 6-8, *P.* (January 1915)
- diverticulum (Jamieson) 36, xxvi, *P.*
- fibrous, unattached to diaphragm (Turner) 5, 114-16 (*man, walrus*)
- hiatus on left (Keith) 40, xiv (*t.o.*)
- lymphatics (Schumkow) 9, 221, *rep.*
- and peritoneum, communication, description of rare type of diaphragmatic hernia (O'Brien) 74, 131-4, *anat. not.*
- pressure (Kiewiez) 8, 189, *rep. (dog, rabbit, sheep)*
- structure and function (Popa & Lucinescu) 67, 78-107
- Perichondrium*, lymphatic vessels of, *see* Vessels, lymphatic of perichondrium
- Periderm*, foetal, electron microscopy (Hoyes) 100, 448, *P. (dem.)*
- Perimeter*, Förster's, and topography of colour vision (Holmgren) 7, 344, *rep.*
- Perineum*, anatomy (Callender) 3, 104-8
- and cloaca, development, and formation of the urethral plate in female rat embryos (Forsberg) 95, 423-36
- Periosteum*, osteogenic capacity, *in vitro* (young chicks and embryos) (Fell) 66, 159-80
- pathology of (Creighton) 12, 369-83
- Peripheral nervous system*, *see* Systems, nervous, peripheral
- Periphyllus testudo*, origin and development of (Ritsemá) 5, 196, *rep.*
- Periplaneta (Blatta) orientalis*, observations on (Bütschli) 6, 449, *rep.*
- Periplaneta orientalis*, salivary glands (so-called) of (Hollis) 5, 242-6
- Peristalsis*, of intestine (Engelmann & van Basch) 5, 407, *rep.*; (Mayer & von Basch) 5, 407, *rep. (dog, rabbit)*
- and stomach (Honckgeest) 8, 208-9, *rep.*
- Peritoneum*, *The anatomy of the intestinal canal and peritoneum in man* (Treves) 1885. 20, 189-90, *rev.*
- abnormality, with reference to development of mesocolon (Cleland) 2, 201-6
- anatomy, topographical (Addison) 35, 188-204
- arrangement of (Cleland) 4, 197-9 (*man, wombat*)
- in animals (Robinson) 30, 349-61
- bladder, empty urinary, relation to (Dixon) 34, 182-97
- cells, mesothelial, origin, during the repair of (Johnson & Whitting) 95, 608, *P.*
- colon, descending, relations to (Symington) 26, 530-7; 26, xxi
- congenital malformation of (Tait) 3, 456, *rep.*
- disposition, abnormal, 1 case (Telfer) 49, 136-9; (Lickley & Cameron) 41, 88-90; 41, 1, *P.* (June 1906) (*t.o.*)
- foetal (Reid) 45, 73-84; 45, 406-15; 46, 400-15; 47, 255-81; 47, 486-509
- fossa duodeno-jejunalis, 1 case (Anderson) 12, 237-40
- pelvic (Dixon & Birmingham) 36, 127-41; 36, xxvii, *P.*

Subject Index

Peritoneum, (cont.)

- and pericardium, communication, description of rare type of diaphragmatic hernia (O'Brien) 74, 131-4, *anat. not.*
- reflexes in *Trichosurus vulpecula* (brush-tailed possum) (Perrott) 99, 955-6, *P.A.S.A.N.Z.*
- relation to ovary (Kapff) 7, 333, *rep.*
- in relation to spleen (Bochdalek, Jun.) 2, 398, *rep.*
- monotremes and marsupials (Mackenzie) 51, 1-18
- role in formation of septum rectovesical (Silver) 90, 538-46
- sac, lesser, models (Jeffery) 69, 133, *P.*
- of seal (Anderson) 19, 228-9, *anat. not.*
- a specialization of, in *Saimiri* (squirrel monkey) (Hill) 89, 569, *P.*
- and tract, intestinal, monotremes (Mackenzie) 51, 278-92
- watersheds (Smith & Jenkins) 40, xvii, *P. (t.o.)*
- Perivascular canals in nervous system, *see* Subarachnoid space
- Permeability, barriers, in ureter transitional epithelium (Hicks) 99, 932, *P.*
- membrane, and erythrocyte size (Holland) 98, 487, *P.A.S.A.N.Z. (horse, sheep)*
- Perobrachius achirus, 1 case, 42, 139, *rep.*
- Perodactylus (Poelchau) 26, 439-40, *rep.*
- Perodicticus (lemur) cortex, motor in (Zuckerman & Fulton) 75, 447-56
- Perodicticus potto, anatomy (Davies) 85, 408, *P.*
- rib, cervical, unusual (Nayak) 68, 118-21, *anat. not.*
- see also* Galagidae
- Peromelus, 1 case (Wallenstein) 34, 421, *rep.*
- Pes hippocampi, Golgi method of minute anatomy demonstrating neurones (Sala, Turner) 25, 578-81, *abs.*
- Petaurus breviceps, (squirrel glider) taste-organs of (Tuckerman) 24, 85-8
- Petrie collection, skulls, Egyptian, interparietal groove in (Shore) 73, 1-14
- Petrogale penicillata (rock wallaby), organ of Jacobson in (Symington) 26, 371-4
- Petromyzon, craniofacial apparatus of (Huxley) 10, 412-29
- size of spermatozoa of (Gulliver) 10, 453-4, *rep.*
- fluvialis, cerebellum (Clark) 40, 318-25
- pineal body in (Whitwell) 22, 502-4
- Pettenkoffer's reaction (Koschlakoff & Bogomoloff) 3, 238-9, *rep.*
- Pflüger's Law of contraction (Berry & Rutherford) 10, 604-8, (frog)
- demonstration (Barlow) 12, 632-5 (frog)
- current, strong, in 1 case (Harris) 33, 263-7
- Phagocytes, in spleen (Kusnezoff) 9, 231, *rep. (mammals, birds, amphibians)*
- Phagocytosis, adaptation (de Bruyne) 32, 92-5 (molluscs); 32, xxii, *P. (t.o.)*; 31, xxxiv, *P. (t.o.)*
- appositional (Carr) 95, 609, *P.*
- see also* Leucocytes
- Phalanger, foetal, sterno-coracoidal articulation in (Broom) 31, 513-15
- common, *see* *Phalangista vulpina*
- orientalis, digastric muscle (Edgeworth) 71, 315-16
- see also* *Trichosurus vulpecula*
- Phalangista maculata (cuscus) intrinsic muscles of the hand of (Cunningham) 12, 434-44
- nerves of fore limbs of (Cunningham) 12, 427-33
- spinal and regional nerves of hind-limb of (Cunningham) 15, 265-77
- Phalangista vulpina, median nerve distribution (Parsons) 36, xxx, *P.*
- Phalangista vulpina, myology of limbs of (MacCormick) 21, 103-37 (fore-limb), 21, 199-226 (hind-limb)

- Phalanx, phalanges, absence in manus of *Chiroptera* (Dobson) 16, 200-1
- of foot, distal, valgus (Barnett) 92, 171-7
- middle (Hann) 57, 267-8; (hand and foot) 37, 310, *rep.*
- anomaly, multiple (Shore) 60, 420-5; 60, 486, *P.*
- possessing two epiphyses (Sewell) 41, 45
- proximal, epiphyses, cone-shaped of toes (Venning) 89, 578, *P.*
- short, *see* Brachyphalangy
- terminal (fingers), ossification in relation to hyperphalangy (Leboucq) 31, xxxvii, *P. (t.o.)*
- terminal, of hallux (Wilkinson) 88, 537-41
- ossification, in mammals (Leboucq) 32, ii-iii, *P.*
- third, on human thumb (Windle) 26, 100-16 (1 case)
- see also* Hyperphalangy
- Pharmacology, report on (Fraser) 8, 217-32
- Pharyngotympanic tube, *see* Tube, pharyngotympanic
- Pharynx, and adjoining part, reconstruction, 16.5 mm. human embryo (Fell) 69, 152, *P. (dem.)*
- anatomy, *Der Schlundkopf des Menschen* (von Luschka) 1868, 3, 444 (*rev.*)
- derivatives, development, birds (Scothorne) 88, 553, *P.*
- glycogen in, sheep (Scothorne) 89, 557-8, *P.*
- diverticulum (Watson) 9, 134-6 *n.*
- epithelium, squamous, transition of ciliated from nose (Bryant) 50, 172-6
- imperforate, in agnathic lamb, 36, 303, *rep.*
- mammalian, with reference to epiglottis (Bowles) 23, 606-15
- nasal part, 'epipharynx' (nomen novum) (Cave) 95, 281-2, *P.*
- region, embryos (6.5 mm., 10 mm., 15 mm. and 18 mm.) illustrating (Lucas Keene) 81, 387, *P. (dem.)*
- teratoma of, 1 case (Abraham) 15, 244-8
- Phascogale calura, intrinsic muscles of the hand of (Cunningham) 12, 434-44
- Phascolarctos cinereus (koala) anatomy of female (Young) 15, 466-74
- gland thymus in (Symington) 34, 226-7; 34, xlvii (July 1899) (*t.o.*)
- muscles (Macalister) 7, 172, *rep.*; (Young) 16, 217-42
- reproductive organs (Young) 13, 305-17
- Phascolumys hirsutus (wombat) (Owen) 7, 172, *rep.*
- Phascolumys latifrons (wombat), cranium (Macalister) 7, 337, *rep.*
- Phascolumys wombata, muscles (Macalister) 4, 308, *rep.*
- Pheasant, common, tumour of ovary in (Slater) 13, 91-2
- tuberculosis affecting (Stirling) 13, 92-3
- Phenol, reaction of albuminous matters and ferments (Zapolski) 6, 470, *rep.*
- systemic action of (Labbée) 6, 496, *rep. (frog)*
- Phenol-forming substance, in urine (Kulz) 11, 566, *rep.*
- Phoca baicalensis (seal) skull (Dybowsky) 8, 176, *rep.*
- Phoca communis (seal) myology (Humphry) 2, 290-322
- Phoca groenlandica (seal) anatomy (Murie) 5, 382, *rep.*
- as a British species of seal (Turner) 9, 163-5
- Phoca hispida (seal) skull of (Flower) 6, 446, *rep.*
- bronchial tree, casts (Brown) 88, 552, *P.*
- Phoca vitulina (seal) auditory cortex (Alderson, Dimantopoulos & Downman) 94, 506-11
- diving experiments, heart in (Harrison & Tomlinson) 92, 658, *P.*
- gland, thyroid, growth and structure (Harrison *et al.*) 96, 3-15
- lung structure (Pizey) 88, 552, *P.*
- membranous labyrinth of ear (Gray) 39, 349-61

Subject Index

Phoca vitulina, (cont.)

- phrenic nerve, experiments (Tomlinson, Harrison & Warwick) 92, 658, *P.*
(common seal) skin adaptations in (Montagna & Harrison) 90, 597, *P.*
- Phocaceae*, Arctic, bones (Kinberg) 4, 332, *n.*
- Phocaena communis* (porpoise) anatomy of (Howes) 14, 467-74 (1 foetal specimen)
cord, spinal, grey and white matter (Hepburn & Waterston) part I, 38, 105-18; part II, 38, 295-311; 37, lxx, *P.*
mammary gland in gravid (Hepburn) 28, 19-24
viscera (Cleland) 18, 327-34
- Phocaena phocaena* (porpoise) brain (tubercle olfactory, prepyriform cortex and pre-commissural region) (Breathnach) 87, 96-113; 86, 494, *P.*
"lobule désert" and anterior pyriform area (Breathnach) 86, 494, *P.*; 87, 96-113
nuclei, amygdaloid, hippocampus and other parts of rhinencephalon (Breathnach & Goldby) 88, 267-91
portal vein of hypophysis cerebri (Harris) 81, 402-3, *P.*; 81, 404, *P. (dem.)*
- Phocomelia* (Saint-Ange) 26, 431, *rep.*; 31, 456, *rep.* (1 case); 33, 512, *rep.*; 42, 133, *rep.*
familial, 3 cases (Héstele) 34, 412, *rep.*
- Phonograph*, a means of determining the absolute quantity of the vowels (Donders) 1, 366-7, *abs.*
- Phonograph*, tone and curves of (M'Kendrick) 29, 583-92
- Phosphatase*, acid, and alkaline, activity of metanephros (Ivemark) 92, 98-109
activity in placenta, and esterase, rat (Bulmer) 99, 513-25
activity in the inferior vagal ganglion (Fisher) 99, 925, *P. (monkey)*
activity in vagal ganglia following cervical vagotomy (Fisher & Sutherland) 99, 585-93 (*monkey*)
distribution in cerebellum, and of 5-nucleotidase, rat (Tewari & Bourne) 97, 65-72
in electron micrographs (Brandes) 90, 578, *P.*
in tadpole tails, normal and regenerating (Junqueira) 84, 369-73
in central nervous system (Pritchard & Menzies) 81, 404, *P. (dem.)*
distribution in Golgi region of cells of eye (Shanthaveerappa & Bourne) 99, 103-17 (*rabbit*)
alkaline, and acid, activity of metanephros (Ivemark) 92, 98-109
accumulation in duodenal epithelium, influence of pituitary-adrenal axis, foetal rabbit (Bearn) 100, 449-50, *P. (dem.)*
distribution in cerebellum, and of 5-nucleotidase, rat (Tewari & Bourne) 97, 65-72
in electron micrographs (Brandes) 90, 578, *P.*
in tadpole tails, normal and regenerating (Junqueira) 84, 369-73
activation and diffusion as factors influencing reliability of histochemical method (Leduc & Dempsey) 85, 305-15
in biliary tract, sheep (Ford) 92, 447-52
of bile and biliary tract (Jacoby & Martin) 85, 391-400 (*rabbit, dog, guinea-pig*)
and connective tissue formation, cat (Johnson & McMinn) 91, 614, *P.*
diffusion phenomenon complicating histochemical reaction (Martin & Jacoby) 83, 351-64; 84, 61, *P.*
distribution in bladder and ureter (Martin) 92, 286-97 (*guinea-pig, rabbit, rat, mouse, cat*)

- effect of distension of urinary bladder on reaction (Martin) 94, 580-1, *P. (guinea-pig)*
in epithelial free border of explanted embryonic duodenum (Hancox & Hyslop) 87, 237-46
in epithelium, transitional, localisation of, and its relation to fatty material (Martin) 90, 577-8, *P. (rabbit, guinea-pig, rat, mouse)*
epithelium in rat (Pritchard) 83, 10-24; 83, 71-2, *P.*
and fibrogenesis, association (Johnson & McMinn) 92, 544-50 (*cat*)
gland, suprarenal, in (Martin & Wilkinson) 93, 580-1, *P. (comparative)*; (Yoffey) 85, 422-3, *P.*
and glycogen, in relation to decidual development in early pregnant rats (Christie) 100, 431, *P.*
in intestine, large (Martin) 85, 140-58; 84, 404, *P.*
small mucosal cells, distribution, rat, cat, dog (Johnson & Kugler) 87, 247-56; 86, 497, *P.*
in jaundice, obstructive, experimentally produced, histo- and biochemical studies of, guinea-pigs (Jacoby & Martin) 89, 440-9
and microscope, phase contrast (Hancox & Nicholas) 88, 576, *P.*
in nerves, peripheral, normal and degenerated (Marchant) 83, 227-37
reaction of myoepithelial cells of rat submaxillary gland (Leeson & Jacoby) 91, 579, *P. (rat)*
reaction in rat suprarenal and tigress kidney (Yoffey) 85, 422-3, *P.*
and ribonucleic acid, distribution in developing teeth of rat (Symons) 90, 117-22
in skull bones, in regeneration (Bourne) 82, 81-7 (*guinea-pigs*)
teeth, developing, rat (Symons) 88, 559-60; 89, 238-45; alkaline phosphatase: ribonucleic acid distribution, rat (Symons) 90, 117-22
in tubules, mesonephric and metanephric (Baxter) 84, 77, *P.*
renal (Baxter) 83, 82-3, *P. (rat)*
in uterus, pregnant, distribution, in rat (Pritchard) 81, 352-64; 81, 379-80, *P.*
and vitamin C deficiency in regeneration of bones of skull (Bourne) 83, 61-2, *P.*
see also Enzymes
- Phosphates*, composition in bone (Acby) 7, 357, *rep.*
dietary, composition of bone in relation to (Weiske-Proskau) 7, 357, *rep.*
- Phosphethyl iodide*, action on spinal cord of (Vulpian) 3, 233, *rep. (man, frog)*
- Phosphomonoesterase I*, activity in small intestine, dog (Wilkinson) 98, 481, *P.A.S.A.N.Z.*
level in circulating plasma, influence of carbohydrates, young adults (Wilkinson) 98, 488-9, *P.A.S.A.N.Z.*
- Phosphorescence*, cause of (Panceri) 6, 246, *rep.*
of dead organisms (Pflüger) 10, 656-7, *rep.*
- Phosphoric acid*, estimation of in serum (Pribram) 7, 190, *rep.*
- Phosphorus*, absorption (Mialhe) 3, 222, *rep.*
action (Dybrowsky) 2, 183, *rep.*
local (Ranvier) 3, 221-2, *rep. (dog, frog, guinea-pig)*
effects of, on stomach, liver and bones (Wegner) 8, 217, *rep.*
poisoning, jaundice in (Wyss) 3, 222, *rep.*
poisonous effects of, in ortho-, meta- and pyrophosphoric acids (Gamgee, Priestley & Larmuth) 11, 255-72 (*rabbit, frog*)
- Phosphorylase*, in embryonic tissue, histochemistry (Grillo) 94, 449-50, *P.*

Subject Index

Photography, *Techniques of photomicrography* (Brain & Ten Cate) 1963. 98, 139, *rev.*
 as an aid to morphological investigation and demonstration (Fraser) 24, i-ii, *P.*
 composite, for comparison of crania (Thomson) 19, 109-14 and 230
 stereoscopic, in teaching (Berry) 34, xxxiv, (July 1899) (*t.o.*)
 Phrenology, study on dogs (Wilder) 7, 331, *rep.*
 see Gyrus, Gyri
Phrynosoma coronatum, myology (Sanders) 9, 406, *rep.*
 Phthisis, *see* Tuberculosis
Phyllodoce maculata (Annelid) development (M'Intosh) 4, 306, *rep.*
 Phylogeny, *Man's Ancestry. A preview of human phylogeny* (Osman Hill) 1954. 88, 543-4, *rev.*
Physalus australis (Hector) 7, 335, *rep.*
 Physeter (sperm whale) description of one, male (Gervais) 7, 336, *rep.*
Physeter macrocephalus, sternum (Turner) 6, 377-80
 Physiology, address in (Humphry) 1, 1-14
 Foundations of anatomy and physiology (Ross & Wilson) 1963. 97, 611, *rep.*
 Features in the architecture of physiological function (Barcroft) 1934. 69, 398, *rev.*
 Nouveaux éléments de physiologie humaine (Beaunis) 1876. 10, 438-9, *rev.*
 Cytology and cell physiology (edited by Bourne) 1942. 77, 122-3, *rev.*
 Vorlesungen über Physiologie (Brucke) 2 vols, 1874. 9, 248, *rep.* (notice)
 Compendium der Physiologie des Menschen (Budge) 1870. 4, 287, *rev.*
 Physiology (Carpenter) 8th ed. 1876. 10, 658, *rep.* (notice)
 Basic physiology and anatomy (Chafee & Gresheimer) 1964. 99, 674-5, *rev.*
 Methodik der physiologischen Experimente und Visektionen (Cyon) 1876. 10, 794-6, *rev.*
 Physiology (Dalton) 6th ed. 1876. 10, 658, *rep.* (notice)
 Compendium der Physiologie der Menschen (Fick) 2nd ed, 1874. 9, 248, *rep.* (notice)
 A text-book of human physiology (Flint) 1888. 24, 612, *rev.*
 Text book of physiology (Foster) 1877. 11, 575, *rep.* (book notice)
 A short history of physiology (Franklin) 1933. 68, 578, *rev.*
 Furneaux's Human physiology, revised edition by W. A. M. Smart. Nurses' edition 1935. 70, 185, *rev.*
 Physiologische Methodik (Gscheidlen) part I, 1876. 10, 658, *rep.* (notice)
 Grundriss der Physiologie des Menschen (Hermann) 1867. 3, 189-90, *rep.*; 5th ed. 1874. 9, 248, *rep.* (notice)
 Elements of physiology (Hermann, trans. by Gamgee) 1875. 10, 438, *rev.*; 1878. 13, 289, *rev.*
 Jahresberichte über die Fortschritte der Anatomie und Physiologie (Hofmann & Schwalbe) 1872. 10, 436, *rev.*
 Special physiology: including nutrition, innervation and reproduction (M'Kendrick) 1889. 24, 613, *rev.*
 Physiologie expérimentale, (Marey) 1876. 10, 658, *rep.* (notice)
 A text-book of animal physiology (Mills) 1889. 24, 612, *rev.*
 Elementary anatomy and physiology (Mulliner) 4th ed. 1938. 73, 348, *rev.*
 Untersuchungen aus dem Institute für Physiologie und Histologie in Graz (ed. by Rollett) 1870. 4, 294, *rev.*

The physiological anatomy and physiology of man (Todd, Bowman & Beale, new ed. by Beale) part I, 1866. 1, 142-5 (*rev.*)
Entwicklungsphysiologie der Tiere (Weiss) 1931. 66, 674, *rev.*
 notices of Dutch and Scandinavian contributions to anatomical and physiological science (Moore) 1, 171-84; 363-7; 2, 194-9, 432-4; 3, 242-51; 4, 191-5, 332-9; 5, 227-32
 Reports on the Progress of (Rutherford) 1, 154-67; 1, 358-62; (Rutherford, Gamgee & Fraser) 2, 177-93; (Rutherford) 2, 407-18; (Fraser) 2, 418-26; (Gamgee) 2, 426-31; (Rutherford, Fraser & Gamgee) 3, 207-41; (Rutherford, Gamgee & Fraser) 3, 460-81; (Fraser) 4, 164-72; (Gamgee) 4, 172-81; (Rutherford) 4, 182-91; (Fraser, Rutherford) 4, 311-31; (Fraser, Brunton & Gamgee) 5, 201-26; (Fraser, Brunton, Ferrier) 5, 389-411; (Brunton & Ferrier) 6, 218-48; (Rutherford) 6, 450-71; (Brunton & Ferrier) 6, 472-90; (Fraser) 6, 490-502; (Brunton & Ferrier) 7, 175-91; (Fraser) 7, 191-200; (Rutherford) 7, 339-59; (Stirling) 8, 179-216; 8, 395-431; 9, 208-48; 9, 407-50; 10, 202-22; 10, 619-58; 11, 184-208; 11, 541-75; (Beatson) 13, 252-65; (Brown) 13, 407-13; 13, 121-6; (Stirling) 16, 137-49
 comparative, *Outlines of physiology human and comparative* (Marshall) 1867. 2, 387, *rev.*
Leçons sur la physiologie et l'anatomie comparée de l'homme et des animaux, vol. ix (Edwards) 1870. 4, 294, *rev.*; vol. x, part 1, 1872. 7, 166, *rev.*; vol. x, part 2, and vol. xi, part 1, 1874. 9, 386, *rev.*; vol. xi, part 2, 1875. 10, 437, *rev.*
 laboratory, *Handbook for the physiological laboratory* (Klein, Foster, Sanderson & Brunton, ed. by Sanderson) 2 vols, 1873. 7, 322-5, *rev.*
 see also Electro-physiology
 Physiotherapy, *Anatomy and physiology for students of physiotherapy, occupational therapy and gymnastics* (Smout & McDowall) 2nd ed. 1947. 81, 334, *rev.*
 Physique, of speed-skater (Mackenzie) 32, 468-76
 Physostigma, action, on heart and pupil (Roszbach & Fröhlich) 8, 403, *rep.*
 local on pupil and extrinsic muscle of eye (Jones) 4, 167-8, *rep.*
 and atropia, action of, on leucocytes (Osler) 8, 232, *rep.* (*frog, newt, man*)
 antagonism between (Ashmead) 7, 198, *rep.* (*expt.*)
 effects of subcutaneous injection of (Fraser) 4, 168, *rep.* (*dog*)
 and strychnia, antagonism between (Fraser) 7, 198, *rep.* (*expts.*)
Physostigma venenosum, Balf, *see* Calabar bean
 Physostigmine, action, on amphibia (Fraser, Vintochgau & Westermann) 2, 185-6, *rep.*
 antagonistic, on salivary gland (Heidenhain) 9, 426-7, *rep.* (*curarized dog*)
 see also Calabar bean
 Phytohaemagglutinin technique, applied to leucocytes from peripheral blood of chronic lymphatic leukaemia (Metcalf *et al.*) 99, 425-6, *P. (dem.)*
 applied to leucocytes, rat (Metcalf) 99, 411, *P.*
 culture of rat lymphopoietic tissues (Metcalf) 100, 423-4, *P.*
 effect of whole body gamma radiation on subsequent, rat blood (Metcalf) 100, 695-6, *P.*
 identity of responsive cells, radioautography, rat (Osmond & Metcalf) 99, 411-12, *P.*
 mitogenic effects on rat bone-marrow cells (Meban *et al.*) 100, 424, *P.*

Subject Index

- Pia mater**, cerebral, pigmentation, reference to modern Egyptians (Symmers) 40, 25-7
innervation of arteries of (Krauspe) 9, 213, *rep.*
(rabbit)
vessels of, contraction (Riegel & Jolly) 5, 401, *rep.*
(animals)
- Pichició** (*Chlamyphorus truncatus*, Harlan), osteology of (Atkinson) 5, 1-16
- Picrotoxin**, action (Roeder) 4, 165-6, *rep.*
and antagonism between picrotoxine and chloral hydrate (Browne) 10, 654, *rep.*
- Pig**, *Laboratory atlas of the 13 mm. pig embryo* (Boyden) 1933, 68, 288, *rev.*
Bell, stuffed head of (Stuart) 26, i, P.
development of a medial motor nucleus and an accessory abducens nucleus in (Shaner) 68, 314-17
ductus venosus (Dickson) 90, 143-52
growth in long bones in madder-fed (Payton) 66, 414-25
hermaphrodite, asymmetry in reproductive organs (Baker) 60, 374-81
histology and developmental significance (Brambell) 63, 397-407
liver, hepatic lobule and liver cell during post-natal growth (White) 73, 365-86
madder-fed, *see* Madder
measurements of diaphyseal growth in limb bones (Payton) 65, 170, P. (t.o.)
organ, vomeronasal (Minett) 60, 110-18
penile urethra development (Glenister) 90, 461-77
reproductive organs (Griffiths) 31, 268-76
rhombencephalon, development (Bradley) part I, 40, 1-14; part II, 40, 133-51
superfoetation (Smith) 61, 329-32; 62, 101-4 (3 cases)
taxonomic value of skull of (Gray) 8, 176, *rep.*
vagina, development (Baxter) 68, 239-50; 68, 143, P.
see also Madder; *Sus scropha*
- Pigeon**, common, myology of (Haswell) 17, 218-21; note on page 404
see also *Columba livia*
- Pigment**, of fishes, spectrum of (Francis) 10, 654, *rep.*
pars nervosa, of hypophysis cerebri (Stern) 66, 618-21
urinary, two pathological (Baumstark) 10, 650, *rep.*
- Pigmentation**, cutaneous, patterns, rodents (Holmes) 87, 163-8; 86, 498, P.
and development of mouse hair *in vitro* (Hardy) 83, 364-84
nervous control of (Pouchet) 9, 412-13, *rep.*
in the nucleus substantiae nigrae of mammals (Marsden) 95, 256-61
- Pilchard**, *see also* Pisces, British Clupeoid
- Pile-driving**, work performed in (Donders) 1, 168-9, *trans.*
- Pillars**, articular, of cervical vertebrae, anomaly (Cave) 69, 134-6, P.
- Pilocarpin(e)** action on submandibular gland of dog (Langley) 11, 173-80
physiological (Service) 13, 326-30
- Piltown**, *see* Skull, Piltown
- Pineal gland**, *see* Bodies, pineal
- Pinna**, in the feeble-minded, 43, 119, *rep.*
malformation of (Gradenigo) 27, 419, *rep.* (3 cases); (Variot) 27, 419-20, *rep.* (Kress) 27, 419, *rep.* (3 cases)
failure of development hare lip and cleft palate, in one foetus (Hirschberg) 27, 418, *rep.*
- Pinnipedia**, anatomy (Murie) 6, 446, *rep.*
note on psoas muscle in (Clarkson & Rainy) 23, 504-6
placenta, specializations (Harrison & Young) 95, 450, P.
system, venous (Harrison & Tomlinson) 87, 461, P.
- Pinnipedia**, *see also* *Arctocephalus fosteri*; *Arctocephalus hookeri*; *Halichoerus grypus*; Otariidae; *Otaria*; *Phoca hispida*; *Phoca communis*; *Phoca vitulina*
- Pinocytosis**, and dense cytoplasmic granules in the cultured fibroblast (Hayward) 95, 454, P.
in osteoclasts (Hancox) 95, 289, P.
- Pipistrellus** (bat) diaphragm, development (de Beer) 72, 154, P.
- Pisces**, African lung, *see* *Protopterus annectens*
bony, development (His) 10, 457, *rep.*; (Kupffer) 3, 459, *rep.*
homologies of mesial and lateral fins of (Humphry) 5, 59-66
pancreas and tubes of Weber of (Legouis) 7, 338, *rep.*
see also *Polypterus*
brain (Wilder) 13, 267 (t.o.); comment by Turner, 13, 283-4
anatomy and homologies of (Fritsch) 13, 267, (t.o.); comment by Turner, 13, 284-5
British Clupeoid, ear and air bladder of (Ridewood) 26, 26-42
cornea in (Lightbody) 1, 40-1
cranial bones, dorsal, arrangement (Allis) 69, 233-91
latero-sensory lines and snout of Stegocephali compared with those of (Allis) 70, 293-316
digestive enzymes in (Stirling) 18, 426-35 (*cod*, *haddock*, *herring*, *skate*)
double, 2 cases, 31, 456, *rep.*
efficiency of eye of (Plateau) 1, 368, *abs.*
elasmobranch, arch, vestigial sixth branchial in (Hawkes) 40, 81-4
development (Balfour) 9, 206, *rep.*
the ripe ovarian ovum, the segmentations (Balfour) 10, 377-411; the formation of the layers, 10, 517-70; alimentary canal, 10, 672-88; trunk, 11, 128-72; skin, muscle-plates, notocord, central, peripheral and sympathetic nervous systems, brain, special sense organs, 11, 406-90; alimentary canal, 11, 674-706; excretory organs, 12, 177-216
eudiarthrodial joints in (Haines) 77, 12-19; 77, 120, P.
eyelids, *see* Pisces, palpebrae
ganoid, *see* *Calamoichthys calabricus*, *Ceratodus*
gnathostome, pituitary fossa, myodome and trigemino-facialis chamber in (Allis) 63, 95-141
course of efferent mandibular artery in *Ceratodus* (Allis) 63, 282 (*correction*)
homologies of the hypophysial pit and the polar and trabecular cartilages (Allis) 65, 247-65
jawless, *see* *Myxine*
latero-sensory lines, course (Allis) 68, 361-415
membrane, nictitating (Harman) 34, 1-40; 34, xlix, P. (July 1899) (70 species)
muscles, extraocular (Harman) 34, 1-40; 34, xlix, P. (July 1899) (70 species)
nerve supply (Harman) 34, 1-40, 34, xlix, P. (July 1899) (70 species)
nerves, cranial, unsymmetrical distribution of (Collinge) 29, 352-4 (*Clarius*, *Aminurus*, *Esox*, *Gadus*)
palate and upper jaw bones, part I (Kesteven) 56, 307-24
palpebrae, muscles, and content of orbit (Harman) 34, 1-40; 34, xlix, P. (July 1899) (70 species)
parasites and commensals (van Beneden) 5, 386, *rep.*
osseous, *see* Pisces, bony
pores, abdominal and nephrostomes in (Bles) 32, 484-512

Subject Index

Pisces, (cont.)
 respiration (Gréhan) 5, 215, *rep.*; (Quinguand) 8, 203, *rep.*
 scales, structure and growth (Salbey) 3, 459, *rep.*
 zoology and anatomy, *Mola nasus* (Wahlgren) 3, 206, *rep.*
Orthorogaster ozodura (Harting) 3, 206, *rep.*
see also Eel, *Ceratodus*, *Dipnoi*, *Hexanthurus*, *Planaeropleuron andersoni*, Trout, river; Embiotica
Pisiform bone (Robbins) 51, 150-2
 origin (Gillies) 63, 380-3
Pit, hypophyseal, and the polar and trabecular cartilages, homologues (Allis) 65, 247-65 (*fish*)
Pith, elder, as an imbedding material for sections (Bird) 9, 404, *rep.*
Pithecanthropus, brain, cast (Dubois) 33, 273-6
Pithecanthropus erectus, of Dr. Dubois, discussion on (Cunningham & Keith) 29, xviii, P.
 notes on M. Dubois' description (Turner) 29, 424-45
 femur, comparative study of (Hepburn) 31, 1-17
Pithecus, *see Presbytis*
Pituitary, see Cells, of hypophysis cerebri, lobe posterior
Pituitary gland, see Hypophysis cerebri
Pituitary, pharyngeal, see Hypophysis cerebri, pharyngeal remnant
Placenta (Hennig) 8, 164, *rep.*; (Ercolani) 8, 164-7, *rep.* (*mammalia*); (Winkler) 8, 162-4, *rep.*
 acid-Schiff positive materials, periodic in, rat (Dickson & Bulmer) 92, 665, P.
 anatomy (Hicks) 6, 405-10; (Turner) 7, 333, *rep.*
 of *Antelope cervicapra* (blackbuck) (Griffiths & Amoroso) 73, 672, P. (*t.o.*)
 bed, cells, giant (Park) 96, 416-17, P.
 β -glucuronidase in, histochemical distribution (Bulmer) 97, 181-7 (*rat*)
 capsule, fibrinoid, and disappearance of decidua, rat (Bulmer & Dickson) 95, 300-10
 carbohydrate material in, rat (Bulmer & Dickson) 94, 46-58; 93, 570, P.
 cells, giant, rat (Dickson & Bulmer) 94, 418-24
 photomicrographs showing origin (Sansom) 61, 517, P. (*rabbit*) (*dem. only*)
 metrial gland, origin of, rat (Dickson & Bulmer) 95, 262-73
 cell-islands, trophoblastic (Coleman) 94, 448, *rev.*
 chorio-allantoic, cell movements through capsule, rat (Dickson & Bulmer) 94, 292, P.
 circulation, 36, 298, *rep.*
 in (Matthews, Winkler & Hicks) 7, 333, *rep.*; 36, 298, *rep.*
 maternal (Delore) 8, 393, *rep.*; (Mauthner) 8, 393, *rep.* (*rabbit*)
 heparin (Bacsich) 80, 231, P.
 cotyledonary and diffuse, of Mexican deer (*Cervus mexicanus*) (Turner) 13, 195-200
 cotyledons, structure, and genetic character of placental types (Bacsich & Crawford) 94, 449, *rev.*
 cytotrophoblast contribution to syncytium (Boyd & Hamilton) 100, 535-48
 diffuse polycotyledonary and zonary [annular] forms, structure of (Turner) 10, 127-77 (*animals*)
 development, early, *Dama dama* L. (fallow deer) (Harrison & Hyett) 87, 457-8, P.
 first 3 months gestation (Hamilton & Boyd) 94, 297-328
 dugong and ovum (Harting) 13, 116-17, *abs.*
 of ectopic pregnancy (teratomata?) (Ercolani) 10, 456, *rep.*
 of Elephant, Indian (Chapman) 15, 300, *abs.*

Elaphurus davidianus (Père David's deer) (Harrison & Hamilton) 86, 203-25
 enzymes, histochemical and quantitative study, rat (Padykula) 92, 118-29
 essential, pig, parenchyma (Amoroso) 85, 409, P.
 esterases, histochemistry, human and guinea-pig (Perrotta & Lewis) 92, 110-17
 and evolution (Turner) 11, 33-53 (*comparative*)
 foetal, of *Halichoerus grypus* (Harrison, Amoroso & Matthews) 86, 487-8, P.
 foetal vessels, and account of corrosion technique (Bacsich & Smout) 72, 358-64; 72, 165-6, P.
 anomalies (Wentworth) 99, 273-82
 and foetus, *in situ*, chimpanzee (Morton) 91, 605, P.
 formation, and ova, early development (Robinson) Lecture I, ova, 20 different mammals, 38, 186-205; Lecture II, placenta, pig, sheep, cat, ferret, rat, mouse, leopard, 38, 325-40; Lecture III, placenta, hedgehog, bat, monkey, man, perameles, dasyurus, lemurs, 38, 483-502
 glandular portion of (Ercolani) 6, 439-40, *rep.* (*comparative, including man*)
 in guinea pig (Creighton) 12, 534-90
Globicephala melaena (Traill) (Ca'ing whale) (Morton) 96, 417, P.; (Morton & Mulholland) 95, 605, P.
 β -glucuronidase, activity (Bulmer) 96, 417-18, P. (*rat*)
 histochemistry (Bulmer) 100, 697, P.; 97, 181-7 (*rat*)
 glycogen, distribution in early (Boyd) 91, 595, P.
 in relation to blood vessels of (Boyd) 91, 605, P.
 granulated metrial gland cells, cytochemistry and electron microscopy, rat (Peach & Bulmer) 99, 415-16, P.
 of guinea-pig (Creighton) 13, 173-82
 haemochorial, villous, development and structure, *Dasyus novemcinctus* (nine-banded armadillo) (Enders) 94, 34-45; electron microscopy, 94, 205-15
 haemopoiesis, maternal, in rat (Wilson) 61, 490, P. (*t.o.*)
 histochemistry, rabbit (Davies) 90, 135-42
 hippopotamus (Garrod) 8, 167, *rep.*
 hog-deer (*Cervus porcinus*) (Turner) 13, 94-8
 hydatiform degeneration associated with congenital defects of the foetus (Roberts) 85, 410, P.
 3β -hydroxysteroid dehydrogenase in (Hart *et al.*) 99, 414-15, P. (*man, monkey, rat*)
 of *Hyomys aquaticus* (Garrod & Turner) 14, 375
 labyrinth, ultrastructure, ferret (*Mustela putorius furo*) (Lawn & Chiquoine) 99, 47-69
 of lemurs, and membranes (Edwards) 6, 440-1, *rep.*
Macacus cynomolgus and human, comparison between (Turner) 12, 495, *abs.*
Myrmecophaga jubata, and embryo (Walls) 72, 169, P.
 phagocytic activity, rat (Al-Abass & Schultz) 100, 349-59
 praevia, in *Macaca mulatta* (rhesus monkey) (Palmer) 73, 626-9
 protective apparatus, in rabbit (Tuma) 61, 491, P.
 quadruplet (Hamilton, Spiers & Brown) 92, 664-5, P.
 relations, endometrial and vascular, sow (Amoroso) 83, 59, P.
 sloth (Joly) 14, 147-8, *anat. not.*
 specializations in pinnipedia (Harrison & Young) 95, 450, P.
 structure (Turner) 7, 120-33; (Jassinky) 3, 203, *rep.*
 and function of (Ercolani) 6, 439, *rep.*; (Pettigrew) 7, 333-4, *rep.* (*human, equine, cetacean*)
 of 'caduca uterina' in two cases of extra uterine pregnancy (Ercolani) 8, 393-4, *rep.* (*human*)
 raccoon (*Procyon lotor*, L.) (Creed & Biggers) 97, 475, P.

- Placenta, (cont.)**
Tamandu (Edwards) 7, 172, *rep.*
Tragulus (von Kolliker) 14, 374-5, *abs.*
 tumour, benign, human (Davies) 81, 395-6, *P.*
 types, genetic character, and on structure of cotyledons (Bacsich & Crawford) 94, 449, *rev.*
 raccoon (*Procyon lotor*) (Creed & Harrison) 99, 933-4, *P.*
 sheep, goat (Lawn *et al.*) 97, 306, *P.*
 uniovular (?) triplets, arterial anastomosis (Ross) 81, 403-4, *P. (dem.)*
 yolk-sac, implantation and, cat (Amoroso & Murray) 84, 71-2, *P.*
see also individual hormones, enzymes, *etc.*
- Placentation, *Arvicola (microtus) amphibius***, especially origin of placental giant cells (Sansom) 56, 333-65
Cervidae (Hamilton, Harrison & Young) 94, 1-33
 cow, sheep, goat (Griffiths & Amoroso) 73, 672, *P. (t.o.)*
Elaphurus davidianus (Père David's Deer) (Harrison & Hamilton) 85, 421, *P.*
 'giant cells' associated with (Boyd & Hamilton) 93, 587, *P.*
 of *Halicore dugong* (Turner) 23, 640-1
 hyena, spotted (*Crocuta crocuta* Erxleben) (Morton) 91, 374-82; 90, 581, *P.*
 lemurs (Turner) 12, 147-53
Macacus cynomolgus, and placenta (Turner) 12, 495, *abs.*
Orycteropus capensis (Cape anteater) (Turner) 10, 693-706
 primate, illustrations (Hill) 61, 515, *P. (dem. only)*
 Shanghai river deer, and fertility (Ewart) 12, 225-8
 sloths (Turner) 7, 302-3; 8, 362-76
- Placentomes**, development and growth, *Cervidae* (Hamilton & Harrison) 86, 488, *P.*
Dama dama L. (fallow deer) (Harrison & Hyett) 88, 338-55
 ovine, fine structure (Björkman) 99, 283-97
- Placode(s)**, activity during development of mixed cranial nerves in the sheep embryo (Batten) 90, 585, *P.*
 contribution to the glossopharyngeal nerve and developing carotid body (Batten) 94, 290, *P.*
 and crest, neural, relations, cat (Halley) 89, 133-52; 85, 429, *P.*
 ectodermal, in head region of sparrow embryo (Goldby) 62, 135-8
 epibranchial, of nerve, vagus in sheep (Batten) 91, 471-89
 in head of sparrow embryo (Goldby) 59, 104-5, *S.P.*
 trigeminal, activity in sheep embryo (Batten) 91, 174-87
- Plagiostomi**, epiphysis in brain of (Ehlers) 13, 268 (*t.o.*); comment by Turner, 13, 284
 hyoid bar and rays, development of (Edgeworth) 66, 104-13
 orbito-ethmoidal region in (Allis) 60, 164-72
- Planaeroplern andersoni*** (Traquair) 7, 338, *rep.*
- Planes, of abdomen**, transpyloric (Addison) 38, xxxvii, *P.*
- Frankfurt**, measurements in Burmese (Hodgkinson) 65, 96-107
- scapula**, a reference plane for movements at shoulder joint (Johnston) 72, 173-4, *P.*
- Plants**, germination and early growth (Ransome) 5, 48-58 (*mustard seed*)
 (hybrids) microscopical structure of (Macfarlane) 25, ii, *P. (SMS) (t.o.)*
 sensitive, movements (Bert) 2, 417, *rep.*
- Plasma**, membrane dimensions, individuality (Cleland) 100, 935, *P.A.S.A.N.Z.*
- Plasma-skimming effect**, reversal, as a result of differential sampling of the blood stream by intra-arterial cushions (Fourman & Moffat) 95, 281, *P.*
- Plastic**, *Das Pollersche Verfahren zum abformen an Lebenden und Toten sowie an Gegenständen* (Poller) 1931. 67, 187-8, *rev.*
- Plasticity**, bone (Smith & Walmsley) 91, 603, *P.*
- Plate(s)**, **endarthrodial**, *see* Fibrocartilages, intra-articular
- epiphysial**, fibrous, structure and stress relations (Smith) 96, 209-25; 95, 280, *P.*
 relationship to stress, lower limb (Smith) 96, 58-78
- motor end**, formation in denervated voluntary muscles, rat (Shukla & Aitken) 97, 152-3, *P.*
re-innervation, in partially denervated muscle, rabbit (Morris) 86, 477, *P.*
- prochordal**, in man (Hill & Florian) 66, 46-7
 head process development (Hill & Florian) 65, 242-6, 65, 177, *P.*
 history, in rabbit (Aasar) 66, 14-45; 66, 153, *P.*
- pterygoid**, of sphenoid, ossification (Fawcett) 39, vi-vii, *P.*
- tarsal**, lateral attachments (Whitnall) 45, 426-32
- urethral**, formation of, and development of cloaca and perineum in female rat embryos (Forsberg) 95, 423-36
 origin and fate (Glenister) 88, 413-25; 88, 553, *P.*
- Platelets** (blood) demonstration (Stirling) 24, 601
 pathology and physiology of (Muir) 25, 256-77
- Platinum chloride**, effects of intravenous and intra-arterial injection of (Blake) 6, 95-100 (*dog*)
- Platybasia**, causes and consequences (Boogaard) 1, 178-80, *abs.*
 specimens (Gladstone & Wakeley) 59, 105, *S.P. (t.o.)*
- Platycnemia** and platymeria (Buxton) 73, 31-6; 72, 160, *P.*
 in the tibia (Derry) 41, iv, *P. (June 1906) (t.o.)*
- Platymeria** and platycnemia (Buxton) 73, 31-6; 72, 160, *P.*
- Platypus**, *see Ornithorhynchus*
 duck-billed, *see Ornithorhynchus paradoxus*
- Platyrrhine monkeys**, *see* Ceboidea (Simpson)
- Plesianthropus***, skull, cast, demonstration (Le Gros Clark) 76, 229, *P.*
- Pleura**, fold, containing vena azygos (Holtby) 49, 236-9
 vein, azygos, aberrant, in relation to (Robbins) 70, 579, *anat. not.*
 primary sarcoma of (Greenish) 17, 333-8
- Pleurapophyses**, cervical, definition (Cave) 66, 147, *P. (t.o.)*
- Pleuropagus** (Gallivan) 39, 593, *rep.*
- Plexus choroid**, development, and of subarachnoid spaces (Cohen & Davies) 72, 23-53 (*click*)
 in internal hydrocephalus, 32, 787, *rep.*
 inferior, innervation of (Benedikt) 8, 392, *rep.*; 9, 220, *rep.*
 specific factor in extracts of, influencing permeability of myelencephalic roof (Cohen & Davies) 73, 525-39 (*dog, rabbit, sheep, cow*)
 vascular patterns (Millen & Woollam) 87, 114-23
- lymphatic**, method of demonstrating (Le Gros Clark) 64, 115, *P.*
- Plexus(es)**, of nerves, Auerbach's, *see* Plexus(es) of nerves, myenteric
- autonomic**, ground, in gut wall, morphology (Rintoul) 92, 660, *P.*
- brachial**, *The morphology of the brachial plexus* (Harris) 1939. 73, 674, *rev.*
 30 specimens (Lucas) 10, 446, *rep.*

Plexus(es), (cont.)

- anomalous, in association with anomalies of cervical spine and first rib (Dukes & Owen) 36, 290-1
- of anthropoid apes (Harris) 39, iv, P.
- and cervical rib (Todd) 46, 244-88
- changes in, with variations of first rib (Jones) 45, 249-55
- decussations (Scott) 40, 412-15; 40, xi, P. (t.o.)
- form and motor distribution (Harris) 38, 399-422 (30 *cadavers*, 6 *living cases*); 38, xx, P. (t.o.)
- from a case of cervical rib, with vascular symptoms (Davies & Blair) 69, 140-2, P.
- of macaque monkey, and man (Brooks) 17, 329-32
- motor distribution and form (Harris) 38, 399-422 (30 *cadavers*, 6 *living cases*); 38, xx, P.
- outer cord, variations, and musculo-cutaneous nerve of arm (Patten) 59, 20, S.P.
- and rudimentary first thoracic ribs (Dow) 59, 166-79
- and the sympathetic nerves (Woollard) 66, 147-8, P.
- cardiac, monoamine oxidase activity within (Fisher *et al.*) 97, 616-17, P.
- carotid internal, ganglia (Gellért) 68, 318-22
- cutaneous, methylene blue preparations illustrating, demonstration (Weddell) 76, 229, P.
- dental inferior, constituents (Starkie & Stewart) 63, 176, P. (t.o.)
- enteric (Hill) 61, 514, P. (dem. only)
- of gallbladder (Sutherland) 97, 311, P. (monkey, guinea-pig)
- intraneural (O'Connell) 70, 468-97; 70, 195, P.
- limb, of mammals (Paterson) 21, 611-34
- relations to ribs and vertebral column (Jones) 44, 377-93
- lumbar, and sacral, blood supply, foetus (Day) 98, 105-16; 95, 601, P.
- congenital abnormalities, foetus (Jamieson) 37, 266-86
- post-fixed, in skeleton of negro (Paterson) 27, xxiv, P.
- and sacral, blood, supply, arterial, human foetus (Day) 98, 105-16; 95, 601, P.
- uppermost root of, in 73 subjects (Collective Investigation) 29, 44-5
- variations (Curnow) 7, 310
- myenteric of Auerbach (Gerlach, Klein) 8, 173, rep. (frog, toad and others)
- comparison of nerve structure as shown by electron microscopy and by silver impregnation (Richardson) 92, 641, P.
- comparative morphology (Rintoul) 91, 607, P. (monkey, pigeon, rabbit, cat); 92, 651, P.; 95, 288, P. (rat, rabbit, guinea-pig)
- and innervation of smooth muscle, electron microscopy (Richardson) 91, 608, P.
- nerve cells in, tench (*Tinca vulgaris*) (Bacsich) 76, 224, P.; demonstration, 76, 229, P.
- of small intestine, neurohistology and histochemistry, cat (Leaming & Cauna) 95, 160-9; 94, 451-2, P. (cat)
- rabbit (Coupland & Holmes) 92, 651, P.
- staining, comparison of methylene blue, silver and Champy-Coujard (Rintoul) 91, 577, P.
- sacral and lumbar, blood supply, foetus (Day) 98, 105-16; 95, 601, P.
- morphology (Paterson) 21, 407-12
- sub-mucous, nerve fibre differentiation in (Dixon) 91, 607, P.
- gastro-intestinal tract (Boulter & Parks) 93, 565, P.

- of veins, foregut, development, in rat, with reference to man (Butler) 86, 95-109
- intrapelvic and vesical veins of the bladder (Gillette) 4, 154-5, rep.
- pampiniform, of testes, drainage, rat (*R. norvegicus*) (Morton) 95, 281, P.
- primary portal, in median eminence, development, rabbit (Campbell) 100, 381-7
- vertebral, *Die Venensysteme der Menschlichen Wirbelsäule* (Clemens) 1960, 96, 302, rev.
- internal, connexions (Bowsher) 88, 583, P.
- Plica fimbriata, of tongue, and sublingua, lemur (Wood Jones) 52, 345-53
- Plica inguinalis, see Fold, inguinal
- sublingua, and plica fimbriata, lemur (Wood Jones) 52, 345-53
- Plica vocalis, see Fold, vocal
- Plotus, cervical vertebrae (Dönitz) 9, 405, rep.
- Plover, see *Podasocys montanus*
- Plumage, markings, with reference to ovaries in common Palaearctic blackbirds (*Turdus merula*) (Patten) 59, 96-7, S.P.
- Pneumatization, of sinus, paranasal, maxillary, in man and apes (Keith) 36, xlvii-li, P.
- Pneumoconiosis, pathology (Harris) 15, 395-404
- Pneumogastric nerves, see Nerves, vagus
- Pneumograph (Fick) 7, 348, rep.
- Pneumonia, lobar, chronic case of (Harris) 15, 502-9
- Podasocys montanus* (plover) osteology of (Shufeldt) 18, 86-102
- Poecilophoca weddelli*, see *Leptonychotes weddelli*
- Points, motor, relation to surface of the body (Reid) 54, 271-5
- Poison, action of, chemical principles (Broadbent) 3, 227-8, rep.
- of arrow, researches into Indian and African (Beigel) 2, 329-60
- from New Granada botanical source (Tillie) 27, 402-7
- Kombé, of Africa (Fraser) 7, 139-55
- cardiac (Schmiedeberg) 6, 501, rep.
- cobra, effects (Shortt) 6, 501, rep. (horse, dog)
- effect, on saline perfused frogs (Lewisson) 5, 395, rep.
- effect of various on isolated frog muscle (Buchheim & Eisenmenger) 4, 318-19, rep.
- ordeal, Madagascar (*Tanghinia venenifera*) historical and physiological account (Davidson) 8, 97-112 (cat, civet, lemur, frog, man)
- see also Phosphorus; Prussic acid; Venom
- Poland, crania from (Tschaussow) 33, 213, abs.
- Polarizer, compound elliptical (MacConaill) 91, 595-6, P.
- Poliomyelitis, anterior, muscle biopsy in long-standing (Guttmann & Bowden) 81, 383, P.
- Pollex, absence, 31, 461-2, rep.; 39, 510, rep.
- with other anomalies, 36, 306, rep.
- anomalies, 31, 462-3, rep.; 43, 124, rep.
- bifidus terminalis unilateralis, *in vivo* (MacConaill) 86, 480, P.
- with bifurcate proximal phalanx and separate terminal phalanges, 38, 371, rep.
- centre of ossification, 10-month-old girl (Atkinson) 59, 1-3, S.P.
- double, complete, 38, 371, rep.
- X-ray (Parsons) 59, 41, S.P.; 33, 500 (ref. only)
- metacarpo-phalangeal movements, 187 individuals (Parsons) 29, 446-52
- morphology (McGregor) 60, 259-73
- opposition, see Opposition
- rudimentary, with bilateral absence of radius, 37, 309, rep.

Subject Index

Pollex, (cont.)

- supernumerary, familial, 36, 305, *rep.*
- rudimentary (Sutton) 27, xiii, *P.*
- tri-phalangeal, 35, 505, *rep.*
- bilateral, with partial absence of tibia, 38, 371, *rep.*
- see also Fingers; Digits; Joints, metacarpophalangeal and interphalangeal
- Polycythaemia**, post-hypoxic, thoracic duct lymph flow and lymphocytes during (Evans) 99, 207, *P. (guinea-pig)*
- Polydactylism**, 3, 204, *rep.*; 6, 443, *rep.*; 26, 440, *rep.*; 32, 794, *rep.*; 33, 523, *rep.* (18 cases); 36, 305, *rep.*; 37, 309-10, *rep.* (cat); 39, 508-9, *rep.*; 40, 300, *rep.*; 42, 138, *rep.*; 43, 124, *rep.*; 43, 123, *rep.* (donkey); (Patten) 44, ii, *P. (t.o.)*; (Smith) 59, 72, *S.P.*
- with atavistic characters, 1 case (Smith & Boulgakoff) 58, 359-67
- and cetacean fore limb, and hyperphalangy (Symington) 40, 100-9; 40, ii (*t.o.*)
- and congenital absence of tibia (Melde) 28, 378, *rep.*
- familial (Delamare) 29, 468, *rep.*
- hereditary (Wilson) 30, 437-49
- in horse (Ewart) 28, 236-56; 28, 342-69; (Struthers) 28, 51-62; (Leidy) 7, 332, *rep.*
- incomplete, 35, 508, *rep.*
- in mammals (Blanc) 28, 376-8, *rep.*
- post-minimus of both hands and feet, 37, 309, *rep.*
- radiological study (Péraire) 33, 500 (*ref. only*)
- and supernumerary toes in same case (Kuhnt) 7, 332, *rep.* (*man*)
- and syndactylism (Gruber) 5, 382, *rep.*
- and other malformations in a family, 35, 507, *rep.*
- see also Hands, Pollex
- Polygnatic and heterognathic monsters** (Gervais) 8, 171, *rep.*
- Polygraphs** (Grunmach) 11, 557, *rep.*
- description of (Newman) 15, 235-7
- Polymastia** (Dionne) 29, 467, *rep.*; 31, 459-60, *rep.* (*embryo pig*); 32, 789, *rep.*; 33, 503, (*rep. only*); 33, 518-19, *rep.*; 38, 367, *rep.*; 40, 300, *rep.*; 43, 120, *rep.* (*Japanese*)
- axillary, 1 case (Templeton) 34, 418, *rep.*
- crural, 1 case (Testut) 27, 421, *rep.*
- hypermastia, hyperthelia, in 1 case (Rosanow) 39, 505, *rep.*
- and hyperthelia, in 1 case (Rosanow) 39, 505, *rep.*
- neoplasms from (Williams) 25, 225-55
- quadruple, in one man (Bartels) 7, 332, *rep.*
- in two adult brothers (Handyside) 7, 56-9
- and polythelia (Bruce) 13, 425-48 (61/3956 cases)
- and polythelia (Stoyanov) 34, 418, *rep.*
- Polymely**, 44, 106, *rep.*
- Polymorphism**, of tubipora (Köllicker) 2, 405-6, *rep.*
- Polynesians**, and albinism, 37, 299, *rep.*
- Polyodon**, new species, nervous and muscular systems (Handyside) 8, 178, *rep.*
- Polyorchidism**, anatomical analysis, 1 case (King) 65, 427-37
- Polyps** (Köllicker) 5, 387-8, *rep.* (*Solanderia*, *Seperina rubra*, *Pseudogorgia godeffroyi*)
- Alcyonarian, description of new form (Köllicker) 5, 200, *rep.*
- Polyp**, of pylorus, with intussusception (Thompson) 31, 392-6 (1 case)
- Polypterus**, cranium, especially *Polypterus bichir* (Allis) 56, 189-294
- cranial osteology of (Traquair) 5, 166-83
- Polysaccharides**, *Histochemische Methodik des Nachweises von Polysaccharidkomponenten in Schleimstoffen und Grundsubstanzen* (ed. by Lindner) 1965. 100, 418, *rev.*

- histochemical identification (Roberts & Jarrett) 84, 407-8, *P.*
- Polystomum integerrimum**, structure (Stieda) 5, 387, *rep.*
- Polythelia** (Stoyanov) 33, 503 (*ref. only*); 33, 518-19, *rep.*
- and polymastia (Stoyanov) 34, 418, *rep.*
- see also Nipples, supernumerary
- Polyuria**, and diabetes (Brunton) 8, 421, *rep.*
- production, by inhalation of carbon monoxide (Eckhard) 5, 216, *rep.*
- neural damage (Eckhard) 4, 189-90, *rep.* (dog, rabbit)
- research (Moutard-Martin & Richet) 16, 148, *rep.* (dog)
- Pongo**, skeleton, appendicular of (Mivart) 2, 403, *rep.*
- appendicular skeleton of (Mivart) 2, 403, *rep.*
- Pongo pigmaeus**, facial muscles (Lightoller) 63, 19-81
- see also Apes anthropoid, *Pan*, Monkeys
- Pons** and brain stem, lower, cortico-bulbar connexions, anatomical analysis, cat (Kuypers) 92, 198-218
- grey matter (Hollis) 18, 411-15; 19, 274-9
- Populations**, nuclear, in columns, posterior, degenerating, rabbit (Joseph) 87, 443, *P.*
- of nerves, after 21 days degeneration (Joseph) 87, 419-22
- changes in degenerating non-myelinated (Joseph & Wendell-Smith) 93, 460-4 (*rabbit*)
- multiplication (Abercrombie, Evans & Murray) 93, 9-14 (*rabbit*)
- of sciatic nerve, after section or crush (Logan, Rossiter, Barr) 87, 419-22
- proportion of males to females in Sweden (Faye) 1, 363, *abs.*
- Porcupine**, see *Erethizon epixanthus*
- crested, see *Hystrix cristata*
- Porencephaly**, see *Cerebrum*, abnormal
- Pores**, abdominal, of Lamprey (Ewart) 10, 488-93
- and nephrostomes in fishes (Bles) 32, 484-512
- in some sharks (Turner) 14, 101-2
- of vertebrates (Bridge) 14, 81-100
- of alveoli of lungs (Macklin) 69, 188-92
- Porpoise**, common, lower jaw of (Walker) 8, 176, *rep.*
- see also *Phocaena communis*
- nuclei, amygdaloid (Breathnach) 87, 442, *P.*
- Porta hepatis**, abnormalities (Siddiqi) 68, 155, *P. (t.o.)*
- Possum**, brush-tailed, see *Trichosurus vulpecula*
- Postminimus**, remains of, in hand and foot (von Bardeleben) 29, 467-8, *rep.*
- Posture**, *Man's posture: electromyographic studies* (Joseph) 1960. 95, 445-6, *rev.*
- abnormal, effect on muscles and limbs of healthy animals (Appleton) 59, 40-1, *S.P.*
- effect on blood supply of the brain (Gonski) 98, 485, *P.A.S.A.N.Z.*
- influence, on intra-abdominal pressure during weight-lifting (Davis) 90, 601, *P.*
- on position of diaphragm (Barclay) 72, 160-1, *P.*
- of on tibia and talus articular surfaces (Thomson) 23, 616-39; 23, xxv, *P. (man and other primates)*; 24, 210-17 (*man and other primates*)
- on position and shape of abdominal and thoracic viscera (Keith) 32, 451-7; 32, xxxiii-iv, *P.*
- on patella articulations (Lamont) 44, 149-50
- and mechanism of the knee joint (Smith) 90, 236-60
- and morphogenesis of bone (Appleton) 59, 81, *S.P.*
- muscles, leg, electromyography (Joseph & Nightingale) 86, 484, *P.*; 87, 470, *P.*
- relaxed, of leg and thigh, electromyography (Joseph, Nightingale & Williams) 88, 583-4, *P.*
- and relations of vertical axes of femur (Walmsley) 67, 284-300 (*comparative*)
- standing, action of loin muscles (Cyriax) 67, 178-9, *anat. not.*

Subject Index

- Posture, standing (*cont.*)
 adaptation of fibula (Wright) 39, xxx-xxxv, P.
 effect of load carriage (Thomas) 93, 75-86
 forces acting on ankle joint during (Smith) 91, 545-64
 movements during (Thomas & Whitney) 93, 524-39
 muscular control of the arches of the foot (Smith) 88, 152-63
 stability provided by the feet (Whitney) 96, 103-11
 variation of vertebral column and lower limb joints in the standing attitude (Appleton) 77, 120, P. (119 males, 68 females)
- 'Post-orbital' bone in baboon, *Papio porcarius* (Goldblatt) 62, 90-9
- Potamogale, skeleton, appendicular and axial (Mivart) 2, 125-30
 dentition (Mivart) 2, 125-30
 skull of (Mivart) 2, 125-30
- Potassium, effect of, on action of heart and blood-pressure (Aubert & Dehn) 9, 222, *rep.*
 estimation in urine (Salkowski) 7, 355, *rep.*
 radio-active, distribution in pregnant rat uterus (D'Silva & Harrison) 86, 488-9, P.
- Potassium bicarbonate, physiological effects of (Rabuteau & Constant) 5, 207-8, *rep. (man)*
- Potassium bromide, action of (Saison) 3, 471-3, *rep. (animals, man)*; (Eulenburg & Guttmann) 2, 182-3, *rep.*; (Reynolds) 3, 221, *rep.*
 as antidote to snake bite (Anderson) 7, 191, *rep.*
 effects (Purser) 4, 164-5, *rep. (frog)*
 on heart and blood vessels (Nunneley) 4, 315, *rep. (frog)*
 in man and animals (Laborde) 2, 182-3, *rep.*
 on nervous system and excretion of urine, faeces and carbon dioxide (Bill) 3, 220-1, *rep.*
 on reflex activity (Meihwizeen) 8, 229, *rep.*
 experimental study of (Martin-Damourette & Pelvet) 2, 418, *rep.*
 chloride and iodide, action of subcutaneous injection of, on frog (Ringer & Morshead) 12, 73-84
- Potassium chloride, bromide and iodide, effect on afferent nerves of frog's leg from local application (Ringer & Morshead) 12, 58-72
- Potassium iodide, action on nervous system of frogs (Ringer & Murrell) 12, 54-7
- Potassium cyanide, as histological reagent (Stirling) 17, 207-10
- Potassium fluoride, effect upon urea elimination (Eaddell) 18, 145-9
- Potassium hydroxide, warm effect on glycogen (Vintschgau & Dietl) 11, 563, *rep.*
- Potassium iodide, effect of in man and animals (Laborde) 2, 182-3, *rep.*
- Potassium salts, excretion of (Dehn) 11, 567, *rep.*
 resuscitation after poisoning with (Böhm) 9, 248, *rep.*
- Potassium selenite, toxic effect (Rabuteau) 4, 165, *rep. (dog)*
- Potassium sulphate, action of (Jolyet, Cahours) 3, 473, *rep.*
- Potassium sulphocyanate, action of (Dubrueil & Legros) 2, 183, *rep.*
- Potential, electrical, of muscle, changes in during contraction (Bernstein & Steiner) 11, 568-9, *rep. (curarized dog, rabbit)*
 uses, histology (Turchini) 61, 512, P.
- Potto, *see Perodicticus potto*
- Pouches, branchial, *see* Pouches, pharyngeal
 of Douglas, *see* Pouch, recto-uterine
 duodenal (Targett) 28, xiii, P.; (Rolleston) 28, vi, xii-xiii, P.; (Reid) 43, 194, *anat. not.*
 in relation to accessory pancreatic ducts (Howes) 28, xiii-xiv, P.
- gular and sphincter muscle of *Otis tarda* (Murie) 4, 162, *rep.*
- guttural, upper respiratory tract and paranasal sinuses, Marco resin cast, horse (Tompsett) 98, 298-9, P. (*dem.*)
- pharyngeal, abnormalities (Sutton) 21, 289-98
 of Rathke, pharyngeal end (Frazer) 45, 190-6
 recto-uterine, James Douglas of the pouch and his pupil William Hunter (Thomas) 1964, 99, 404, *rev.*
 subdivision into 3 fossae (Kauffmann) 27, 557-8 (2 cases)
- recto-vaginal and recto-vesical, position and relations, human foetus (Silver) 89, 568-9, P.
- tracheal, of emu (Coughtrey) 8, 177, *rep.*
- Poupart's ligament, *see* Ligament, inguinal
- Præhallux, remains, in foot (von Bardeleben) 29, 467-8, *rep.*
- Praepollex, remains, in hand (von Bardeleben) 29, 467-8, *rep.*
- Pre-collagen, and collagen (Bourne) 84, 61, P.
- Precocity, and ductless glands, 43, 116, *rep.*
- Prefishes, latero-sensory lines, course (Allis) 68, 361-415
- Premaxilla (Gruber) 2, 392, *rep.*; (Albrecht) 18, 224, *anat. not.*
 absence in two skulls (Derry) 72, 295-8; (Walker) 51, 392-5 (1 case)
 fate of (Wood Jones) 72, 462
 in relation to cleft palate (Turner) 19, 198-213
- Pregnancy, advanced, in *Macacus rhesus* (Hart & Gulland) 27, 361-76 (1 specimen, frozen sections, casts and histology)
 6th month, sagittal section, *Sezione mediana verticale antero-posteriore mediante congelamento di cadavere al sesto mese di gestazione* (Soffiantini) 1891, 31, 166, *rev.*
 contractions of uterus in (Hicks) 6, 215
 early, ovary changes during, goat (Harrison) 82, 21-48
 ectopic, 1 case, multiple, rabbit (Eales) 67, 108-17
 abdominal, cat (Hunter) 66, 261-3; (Brash) 81, 403, P. (*dem.*)
 in left horn of divided uterus, 1 case, 31, 461, *rep.*
 extrauterine, in cat (Hunter) 66, 142, P.
 2 cases, placenta in (Ercolani) 8, 393-4, *rep.*
 ovarian (Hamilton & Dickens) 87, 457, P.; (Hunter) 56, 57-76 (*early*, 1 specimen); (Hunter) 59, 26-7, S.P.; (Whillis) 73, 669, P. (*dem.*)
 effect on sensitivity of erythrocytes to nitrites (Met-calf) 94, 579, P.
 first, influence on origin of physiological metaplasia on cervical canal (Reid) 100, 941, P.A.S.A.N.Z.
 long, 191 days, in macaque (Eckstein) 78, 147
 multiple, 4 in one case, 40, 296, *rep.*
 28, in one case (Olhausen) 39, 501, *rep.*
 twin, placenta and membranes in, 33, 513, *rep.*
 with intrauterine amputation, 33, 524, *rep.*
 vaginal epithelium, mucinous changes, guinea-pigs and other mammals (Barrington) 50, 30-6
 without apparent vagina (Thompson) 66, 133-4
- Premeiotic mitosis, in mammals (Tobias) 90, 570-1, P.
- Prenasal bone, of pig, compared with dumb-bell shaped bone in palate of *Ornithorhynchus paradoxus* (platypus) (Turner) 19, 214-17
- Prenatal life, *Researches on prenatal life* (Barcroft) vol. 1, 1946, 81, 200, *rev.*
- Preoperculum, and hyomandibula, homologies, in fish (Allis) 62, 198-220
- Preparations, histological, fading and mounting media (Davies) 74, 464-70

Subject Index

- Prepuce**, aplasia, hereditary (James) 85, 370-2 (4 cases)
development (Berry Hart) 42, 50-6; (Hunter) 70, 68-75; 70, 201, P. (L.O.); (Glenister) 90, 582, P.
- dog (Kanagasuntheram & Anandaraja) 94, 121-9
valves of 5/10,000 cases (Memet) 29, 467, *rep.*
- Presbytitis**, cortex, suprarenal (Hill) 68, 19-38
- Presbytitis entellus** (monkey) *The anatomy of Semnopithecus entellus* (Ayer) 1948. 83, 283, *rev.*
- Pressor amines**, formation and release in grafted chromaffin cells, factors affecting, in grafts of adrenal medulla, rat (Coupland) 91, 616, P. (rat)
- Pressor-receptors**, vascular, in *Pelias berus* (viper) (Boyd) 76, 225, P. (*disc. only*)
- Pressure**, atmospheric, action, upon joints (Aeby) 9, 444, *rep.*
influence on body (Liebig) 6, 234, *rep.*
influence of change (Bert) 6, 234-5, *rep.* (birds, mammals)
- barometric, influence on development of eggs (Giacomini) 29, 463-4, *rep.*
effect of changes (Bert) 6, 489-90, *rep.* (animals, birds); 7, 358, *rep.*
physiological effects of increase of (Pravaz) 10, 646, *rep.*
- intra-abdominal, variations during weight-lifting in different postures, man (Davis) 90, 601, P.
- intra-ocular, effects of section of trigeminal nerve on (Hirschberg) 9, 415, *rep.*
- Prevomer**, in *Gomphognathus* (Broom) 31, 276-9
L'ordre des primates, parallèle anatomique de l'homme et des singes (Broca) 1870. 5, 373, *rev.*
- Primates**, *Anatomy of the primates. The anatomy of the rhesus monkey (Macaca mulatta)* by nineteen authors, edited by C. G. Hartman & W. L. Straus, 1933. 68, 574-5, *rev.*
- Symposia of the Zoological Society of London*, No. 10 (ed. Napier & Barnicot) 1963. 99, 184-5, *rev.*
- Primatologia*, vol. II, 5 Lieferung (Hofer, Schultz & Starck) 1960. 95, 145, *rev.*; vol. II/2, Lieferung 6, 1962. 97, 135, *rev.*; *Primatologia*, vol. IV, Lieferung 5 (Hofer, Schultz & Starck) 1961. 95, 443, *rev.*; *Primatologia (Handbook of primatology)* (Hofer, Schultz & Starck, editors) vols. I, III/1 and III/2 (1956, 1958, 1960) 96, 135, *rev.*; *Primatologia (Handbuch der Primatenkunde)* (ed. by Hofer, Schultz & Stark) Band II, Teil 2, Lieferung 13, *Circumventrikuläre Organe des Zwischenhirns* (Hofer) 1965. 100, 209-10, *rev.*
- Primates. Comparative anatomy and taxonomy I.** *Strepsirhini* (Osman Hill) 1955. 88, 108-9, *rev.*; Part 2. *Haplorhini: tarsioidea* (Osman Hill) 1955. 89, 554-5, *rev.*; Part 3—*Platyrrhini* (families *Hapalidae* and *Callimiconidae*) (Osman Hill) 1957. 91, 565-6, *rev.*; Volume 4. *Cebidae—Part A* (including subfamilies *Callicebinae*, *Aotinae*, *Pitheciinae*, *Cebinae*) (Osman Hill) 1960. 95, 277-8, *rev.*; Volume V. *Cebidae. Part B.* (Osman Hill) 1962. 97, 134, *rev.*
- The jaws and teeth of primates* (Warwick James) 1960. 95, 146, *rev.*
- Morphology of the cerebral convolutions, with special reference to the order of primates* (Parker) 1896. 31, 163, *rev.*
- The main afferent fiber systems of the cerebral cortex in primates* (Poliak) vol. II, 1932. 68, 123-4, *rev.*
- Bibliographica primatologica. A classified bibliography of primates other than man* (Ruch) Part I. 1941. 76, 410, *rev.*
- age changes in basicranial axis (Ashton) 91, 601, P.
- anatomy, comparative (Osman Hill) 93, 570, P. (*TI dem.*)
- appendicular skeleton (Mivart) 2, 403, *rep.*
- arteries, fore limb (Manners-Smith) 45, 23-64
- comparative study of anterior cerebral artery and circle of Willis (Watts) 68, 534-50
- coracoid process (Martin & O'Brien) 73, 630-42
- cerebrum (Pansch) 10, 445, *rep.*
- ecology, African, aspects (Napier) 95, 602, P.
- gyri, cerebral (Kükenthal & Ziehen) 30, 312, 313, *rev.*
- higher, variation in manubrium sterni (Keith) 30, 275-9
- History of the primates* (Le Gros Clark) 1949. 84, 324, *rev.*
- kidney structure (Straus) 69, 93-108
and man (Keith) 36, 93, *A.U.A.A.S.*
- menstrual cycle, Part VII, sexual skin of chimpanzee (Zuckerman & Fulton) 69, 38-46
- Miocene, Kenya (Hopwood) 67, 207, P.
- posture, effect on tibia and talus articular surfaces (Thomson) 23, 616-39; 23, xxv, P.; 24, 210-17
- tailless, caudal vertebrae in (Broca) 7, 334-5, *rep.*
- variations of arrangements of flexor digitorum profundus of hand and foot (Keith) 28, 335-9; 28, xii, P.
- Prize, Symington**, in anatomy, 57, 389
- Proamnion**, and amnion in chick (Shore & Pickering) 24, 1-21
- Proboscis**, right lateral (Franklin) 59, 6-7, *S.P.*
unilateralis, 1 case (Fleming) 71, 158, P.
- Procavia** (coney) cranium, primordial (Llewelyn) 59, 84-7, *S.P.*
- Process(es)**, accessory, of lumbar vertebrae, and p. mamillary (Jones) 47, 119-20, *anat. not.*
as persistent epiphyses, 1 case (Cunningham) 12, 85-90
- acromion**, *see* Acromion
- articular**, (and mamillary) of vertebrae, anomalies and their significance (Fitzgerald) 47, 510-12, *anat. not.*
- bony (Dwight) 24, 61-8
- coracoid**, in primates (Martin & O'Brien) 73, 630-42
mammalian, morphology of (Howes) 21, 190-8
- head**, development and prochordal plate (Hill & Florian) 65, 242-6
of early human embryos, considered with the pro-chordal plate (Hill & Florian) 65, 177, P.
- infundibular**, nerve fibres, hedgehog (Holmes & Kiernan) 97, 613-15, P.
- mamillary** (and articular), anomalies and their significance (Fitzgerald) 47, 510-12, *anat. not.*
as persistent epiphyses, 1 case (Cunningham) 12, 85-90
of lumbar vertebrae, and p. accessory (Jones) 47, 119-20, *anat. not.*
- marginalis** (Romiti) 33, 500 (*ref. only*)
- mastoid**, bony eminence (Ruffini) 34, 417, *rep.*
in infants (Stiles) 33, 350 (*ref. only*)
and occipital regions (Corner) 30, 386-9; 30, viii (152 human skulls)
- odontoid**, articulating with occipital bone (Parsons) 24, xix, P.
mammalian (Cave) 71, 143-5, P.
morphological constitution (Cave) 72, 621, P.
separated from body of axis, 1 case (Turner) 24, 358-9
- palatine**, of premaxillae, in *Ornithorhynchus* (Green) 64, 512-22
- paramastoid**, unusually large (Ramsay Smith) 43, 192, *anat. not.*
- pyramidal**, of liver, in mammals (Thompson & Gordon-Taylor) 39, xxi-xxv, P.

Subject Index

- Process(es), (cont.)**
 spinous, of cervical vertebrae, in native races of South Africa (Shore) 65, 482-505
 58 Egyptian skeletons (Shore) 67, 422-42
 bifidity, significance (Cave) 67, 210, *P. (t.o.)*
 transverse process of seventh in *Balaenoptera sibbaldi* (Turner) 5, 361-2
 splenic, *see* Fold, presplenic of peritoneum
 styloid, of 3rd metacarpal, 534/564 cases (Collective Investigation) 28, 64-6; (Smith) 27, xxxviii-viii, *P.*
 of ulna, as separate bone (Macalister) 38, iv, *P. (t.o.)*
 supracondylar, of humerus, 3 cases, 31, 462, *rep.*; (Rau & Subrahmaniam) 65, 392-4; (Cambridge Museum) 33, 212, *abs.*; (Cunningham) 33, 357-8, *anat. not.* (Child); (Gruber) 3, 195, *rep. (4 cases)*
 transverse, of atlas, relation of internal jugular vein and accessory nerve to (Keith) 30, xii-xiv, *P.*
 dorsal, last, morphology (Cave) 70, 275-7; 70, 201, *P. (t.o.)*
 homologies of, in man (Allen) 14, 18-27; note on this by Professor Cleland, 14, 27-8
 vaginal, peritoneal, condition at birth (Mitchell) 73, 658-61; 73, 668, *P. (disc. only)*
 abnormalities (Griffiths) 28, 291-302
 vermiform, *see* Appendix, vermiform
Proconsul africanus, index, brachial (Napier & Davis) 91, 594, *P.*
 limb, upper, bones, reconstruction (Napier & Davis) 91, 593, *P.*
Proconsul major, middle facial skeleton and upper dentition (Allbrook) 100, 946, *P.A.S.A.N.Z.*
Procreation, *Life in the making: the story of human procreation* (Guttacher) 1934. 68, 577, *rev.*
Proctology, *Proctologic anatomy* (Gorsch) 1955. 90, 459, *rev.*
Procyon cancrivorus (raccoon) muscles of limbs of (Windle) 23, 81-9
Procyon lotor (raccoon) correlation between nuclear morphology and somatotopic organization in thalamus ventro-basal complex (Welker & Johnson) 99, 761-90
 placenta, structure (Creed & Biggers) 97, 475, *P.*
 ultrastructure (Creed & Harrison) 99, 933-4, *P.*
 taste-organs (Tuckerman) 24, 156-9
Progeria, and dwarfism (Gilford) 39, 499, *rep.*
Progesterone, administration, effect of method on morphogenetic actions (Winter) 76, 209-13 (*rat*)
 effects on glycogen, amylophosphorylase, transglycosylase and uridine diphosphate glucose-glycogen glucosyl transferase activities in myometrium, mice (Hall) 99, 926, *P.*
 influence on endometrium in organ culture (Everett) 97, 149-50, *P. (guinea-pig)*
 and oestrogens, effect on melanocytes (Snell) 94, 453-4, *P. (guinea-pig)*
 and ovariectomy, effects on melanocyte activity (Bischitz & Snell) 92, 646, *P. (guinea-pig)*
Prognathism, alveolar and facial (Parsons) 65, 149-51
Progress in brain research, vols. 1-3, 1963. 99, 181, *rev.*; vols. 4 and 5, 1964. 99, 189, *rev.*; vol. 8, 1964. 99, 190, *rev.*
Progress, in dissecting room, visual display (Sinclair & Darcus) 87, 447, *P.*
Projections, *see* Tracts, projections
 tecto-reticular, *see* Tracts, tecto-reticular
Projector, analysing, for investigating movements (Joseph) 96, 413, *P.*
Prolactin, assay, use of male weanling mouse breast (Hadfield) 92, 130-6
Pronation and supination, amplitude with elbow flexed 90° (Darcus & Salter) 87, 169-84
 of forearm, (Welcker) 10, 442-3, *rep.*
 movements of the ulna in (Heiberg) 19, 237-40
 movements of ulna in (Dwight) 19, 186-9; (Cathcart) 19, 355-62
 of hind-limbs of certain marsupials (Young) 15, 392-4
 in membrane interosseous (Gemmell) 35, 101-9
 radius (Gemmell) 35, 101-9
 in tetrapods (Haines) 80, 226, *P.*
 torques developed in right hand (Darcus) 85, 55-67
 effect of elbow flexion (Salter & Darcus) 86, 197-202
see also Movements, of limb, upper
Pronephros, and early development, of mesonephros, cat (Fraser) 54, 287-304; (Davies) 84, 95-103 (*duck*); (Davies) 84, 72, *P. (duck)*
 models showing in *Acipenser rubicundus* (Fraser) 61, 520, *P. (dem. only)*
 origin, vertebrate, from study of ammocoetes (Gaskell) 37, 168-219
 role, in development of nephric system (O'Connor) 74, 556, *P. (disc. only)*
 in ruminants, and kidney development in sheep (Davies) 85, 6-11
 transplantation in larval amphibia, demonstration (O'Connor) 72, 178-9, *P.*
Prongbuck, *see* *Antilocapra*
Pronuclei, abnormal, ferret (Hamilton) 70, 429-31
 early development, ferret (Mainland) 64, 262-87
Propithecus, viscera, abdominal (Davies) 87, 448, *P.*
Proportions, body, *Über die Körperproportionen der japanischen Feten* (Akiba) *Folia anatomica Japonica*, 1924, II, 189-220, Oct., 59, 447, *rev.*
Proptosis, and oxycephaly (Tucker) 39, 504, *rep.*
Propylthiouracil, sub-toxic doses, effects on body growth and growth of certain viscera, rats (Asling & Harrison) 88, 579, *P.*
Prosencephalon, *see* Forebrain
Prosorhacopagus, female (Harrison) 80, 245, *P.*
Prostate, *see* Glands, prostate
Prosthesis, dental, *Principles of full denture prosthesis* (Fish) 1933. 68, 577, *rev.*
Protagon, in blood (Hermann) 1, 161, *rep.*
 discovery of in nervous tissue (Liebreich) 1, 155, *rep.*
Proteids, *see* Protein
Protein, absorption, from cerebrospinal fluid, cat (Bowsher) 91, 572, *P.*
 albuminuria after injection of various (Béchamp & Baltus) 13, 255-6, *abs. (dog)*
 animal and vegetable (Weyl) 13, 236-7, *abs.*
 coagulation, by heat (egg and serum albumin, serum globulin and vitellin) (Haycraft & Duggan) 24, 288-306
 digestion, in *Ammocoetes* (Alcock) 33, 612-37
 gastric (Gillespie) 27, 195-223 (*in vitro expts.*)
 relation to carbohydrates (Hlasiwetz & Habermann) 6, 471, *rep.*
 polysaccharide, of cartilage, relationship to collagen (Smith *et al.*) 100, 689, *P.*
 synthesis, absence by chromosomes, and movements of nuclear, during mitotic cycle, germinal cells, tongue epithelium and growing hair, rat (Sims) 98, 467, *P.*
 and nucleolar size, cells of hair cortex, rats (Sims) 100, 577-83
Proteinates, silver, *see* Stains and staining

Subject Index

- Proteles cristatus*, anatomy (Flower) 5, 198, *rep.*
Proteus angineus Laur., eye structure in (Hawes) 73, 672, P.
Protoplasm (Engelmann) 5, 218, *rep.*
Kolloidchemie des Protoplasmas (Lepeschkin) 2nd ed. 1938. 73, 348, *rev.*
Protoplasmic movements in eggs of osseous fish (Ransom) 1, 237-45
Protopterus annectens, *Das Central-nerven-system von Protopterus annectens* (Burckhardt) 1892. 27, 200, *rev.*
Protozoa, British, observations on (Wright) 1, 332-8
Proventriculus, development of acid secretory potential, chick embryo (Toner) 99, 389-98
glands, submucal, fine structure of resting and active, fowl (Toner) 97, 575-83; 97, 141, P.
Prussic acid, action on spectrum of blood (Preyer) 2, 427, *rep.*
effect of fatal dose on blood of animals (Preyer) 2, 420, *rep.*
mechanism of poisoning by, in blood (Preyer) 3, 222-3, *rep.* (rabbit, guinea-pig)
Psammasarcoma, of cerebellum (Dreschfeld) 14, 337-44
Pseudencephaly and anencephaly, pathogenesis, 42, 133, *rep.*
Pseudoarthrosis, of femur (fractured) in boy of 13 years (Sharp) 29, 330-1
Pseudobranchs, of *Lepidosteus* and *Amia* (Wright) 19, 476-99
Pseudohermaphroditism, 30, 462, *rep.*; 43, 121, *rep.*; 44, 102, *rep.*; (Meyer) 48, 165, (goat)
Pseudopus pallasii (glass-snake) muscles of (Humphry) 6, 287-92
Pseudorca crassidens (false killer whale) description of (Burmeister) 7, 173, *rep.*; (Reinhardt) 7, 336, *rep.*
male foetus, with membranes (West) 69, 145-6, P.
skeleton of foetus (West) 70, 199, P. (t.o.)
Pseudorca grayi see *Pseudorca crassidens*
Pseudorca meridionalis (Hector) 7, 335, *rep.*
Psychical processes, experimental investigations into (Exner) 10, 626, *rep.*
investigation of (Exner) 8, 399, *rep.*
rapidity (Donders) 3, 251, n.
time required for (Donders) 2, 198, *abs.*
Psychology, *Grundzüge der physiologischen Psychologie* (Wundt) 2 vols, 1874. 9, 248, *rep.* (n.)
of the Greeks (Cope) 1, 185, *abs.*
principles (Spencer) 7, 339, *rep.*
Ptah, the god, and achondroplasia (Pernet) 39, 499, *rep.*
Pterion, racial variations in man (Thomson) 22, xxvii-xxix, P.
relation of orbito-sphenoid to (Sutton) 18, 219-22
variation, gorilla (Ashley-Montague) 64, 247-9
Pterodactyles, bones *Ornithosauria*, an elementary study of the bones of *Pterodactyles* (Seeley) 1870. 4, 288-90, *rev.*
Pteropus (flying fox) myology of limbs (Humphry) 3, 294-319
Pteropus giganteus (fruit-bat) parturition in, film of some stages (Hughes) 90, 595, P.
Pterygoid bone, amphibians and reptiles, and parasphenoid bone (Kesteven) 53, 223-38; notes on this paper (Watson) 53, 239-40
Ptilocercus, skull of (Mivart) 1, 303-6
Puberty, effect of hemi-spaying, rat (Swanson) 99, 921-2, P.
precocious, 37, 301, *rep.*
Pubic bone, age changes (Todd) 59, 15, S.P. (t.o.)
Pulp, of teeth, capillaries, blood of odontoblast layer (James) 89, 547-9 (mammal, reptile, amphibian, fish)
developing, vascularity at various stages (Adams) 95, 616, P. (kitten)
fibroblasts, developing (Griffin) 99, 953, P.A.S.A.N.Z.
nerve supply, rodents (Ridehalgh & Stewart) 72, 416-21
space, (finger and toe), an oblique proximal septum in (Wilkinson) 84, 409, P.
Pulse, action of alcohol on (Rabow) 8, 427, *rep.*
and blood-pressure, influence of vagus, superior laryngeal and sympathetic nerves upon (Aubert & Roeber) 3, 461-2, *rep.* (curarised animals)
capillary and venous (Quincke) 3, 460, *rep.*
demonstration by means of flame (Klemenziewicz) 8, 403, *rep.*
dicrotic, experimental investigation (Fleming) 15, 278-91
jugular, structures concerned in production (Keith) 42, 1-25
normal and abnormal (Bouillard) 8, 402, *rep.*
rate, action of atropia on (Wood) 8, 225-6, *rep.* (expts.)
influence of experimental blood loss on (von Bezold) 2, 409-10
regulation, part I (Garrod) 7, 219-32 (man, donkey, dog, rabbit, deer); part II, 8, 54-61 (man); note on this paper, 8, 112
slowing which follows closure of nostril (Rutherford) 7, 283-99 (rabbit)
tracings (Knoll) 13, 410-11, *rep.*
waves, catacrotic, causes (Landois) 4, 324, *rep.*
secondary, seen in sphygmography, causes (Galabin) 7, 1-22
experimental production of (Moens) 13, 409-10, *rep.*
transformation of, in different arteries (Galabin) 10, 297-319
Pulvinar, projection to temporal lobe (Simpson) 86, 20-8 (Macaca mulatta)
Puma, see *Felis concolor*
Punctum lacrimale, and canaliculus, two, in cyclopia (Morton) 85, 410, P.
Puncture, sternal, *Das menschliche Knochenmark, seine Anatomie, Physiologie und Pathologie nach Ergebnissen der intravitalen Markpunktion* (Rohr) 2nd ed. 1949. 85, 298-9, *rev.*
Punjabi, craniometry of outcast tribes (Charles) 26, 1-25; 27, 5-20
femora of, squatting index (Shah) 77, 110-11 (anat. not.)
morphology of lumbar, sacral and caudal vertebrae of (Charles) in *Scientific memoirs by medical officers of the army of India*, part VIII, 1894. 29, 141, 143, *rev.*
morphology of lower limb in relation to function, in tribesmen of (Charles) 28, 1-18
oblique interosseous radio-ulnar ligament found in (Lamont) 30, 595-6
transmission of acquired characters in relation to morphological peculiarities in inhabitants of (Charles) 28, 271-80
see also Indians
Pupil, during chloroform anaesthesia (Budin) 9, 414, *rep.*; (Neilson) 22, 154-71 (man, dog)
Argyll Robertson (Robertson) 4, 327, *rep.*
action of muscarin on (Krenchel) 9, 414, *rep.*
effect of cervical sympathetic stimulation and of light on (Arlt) 4, 327-8, *rep.*
effects of various drugs on (Mosso) 11, 190-1, *rep.* (rabbit, man)
reflexes of (Kroll) 4, 184-5, *rep.* (rabbit)

Subject Index

- Purgative(s), effects of, on erythrocyte numbers (Brouardel) **11**, 556, *rep.*
 mechanism of action of (Radziejewski) **5**, 201, *rep.*
 (animal)
 secretion of bile after administration of (Rutherford & Vignal) **10**, 215-17, *rep.* (*curarised dog*); expts. by subcutaneous injection, **17**, 62-78; effects on blood circulation, body temperature, **17**, 222-243; conclusions, **17**, 405-41; (Moreau) **8**, 231, *rep.*
 vegetable, mode of action of (Köhler) **5**, 392-3, *rep.*
see also under individual names
 Purkinje fibres, *see* Fibres, muscular, cardiac, Purkinje
 Purpurine, as a histological stain (Ranvier) **9**, 403-4, *rep.*
 Pus, chemical composition (Hoppe-Seyler, Miescher) **6**, 471, *rep.*
 oxygen in formation (Binz) **8**, 403, *rep.*
 Pustule, malignant, *see* Anthrax
 Putrefaction, and bacteria (Hiller) **9**, 448, *rep.*
 and disinfection (Hoppe-Seyler) **6**, 470, *rep.*
 effects of low temperature on (Coleman & M'Kendrick) **19**, 335-44
 Pygomelia (2 cows, cock, man and duck) **37**, 303, *rep.*; **40**, 297, *rep.*
 Pygopagus (Baudoin) **27**, 417, *rep.*; 1 case, **30**, 437, *rep.*
 Pygopodes (grebes) North-American, Taxonomy of, in relation to osteology (Shufeldt) **26**, 199-203
 Pylephlebitis adhesiva (Osler) **16**, 208-16 (1 case)
 Pylorus, and duodenum (Dwight) **31**, 516-21
 polyp of, with intussusception (Thompson) **31**, 392-6 (1 case)
 position of, 4 subjects (Robinson) **34**, xxx, *P. May* 1900; (Addison) **38**, xxxvii-xxxviii, *P.*
 and stomach (Berry) **34**, 153-8; (Berry & Crawford) **33**, xxvi-vii, *P.*
 tumours, congenital, **32**, 791, *rep.*
 Pyramids, (medullary) physiology and pathology of (Benedikt) **9**, 412, *rep.*
 Pyrexia, caused by lesions of rhombencephalon (Bruck & Günther) **5**, 410, *rep.*
see also Fever
 Pyridoxine, role in action, teratogenic action of thalidomide (Metcalf) **97**, 308-9, *P. (rat)*
 Pyrogallie acid, toxic action (Personne) **4**, 316-17, *rep.* (*dog*)
 Pyronin, effect on maturation rate, injured peripheral nerve fibres (Gamble & Jha) **93**, 195-200; **92**, 667, *P. (rat)*
 Python, innervation of striated muscle (Kulchitsky) **59**, 36, *S.P. (t.o.)*
 Quadrate bone, in *Cryptobranchius*, *Menopoma* and *Hynobius* (Edgeworth) **57**, 238-44
 homology (Peters) **3**, 206, *rep.* (*monotremata*)
 Quadruplets, placenta (Hamilton, Spiers & Brown) **92**, 664-5, *P.*
 3 placentae (Gowdey) **39**, 501, *rep.*
see also Pregnancies, multiple
 Queen Victoria, death, **35**, vii, *P.*
 reply to Loyal Address, from King Edward VII, **35**, xv
 Querquedula (wild teal) heart displacement (Waterston) **40**, 303-4
 Quinia, action on blood oxidation changes (Binz) **8**, 224-5, *rep.*
 action of on the uterus (Monteverdi) **6**, 498-9, *rep.*
 and alcohol, antipyretic action of (Binz) **5**, 204, *rep.* (*dog*)
 and blood (Binz) **8**, 403, *rep.*
 carbonate and hydrochloride, *in vitro* effect on leucocytes (Kerner) **7**, 195, *rep.*
 effect on leucocytes (Geltowsky) **7**, 195-6, *rep.*; (Binz) **7**, 196, *rep.*
 Quinine, action on circulatory system and muscular fibre (Chirone) **10**, 654, *rep.*
 action on haemoglobin (Lanckester) **7**, 346, *rep.*
 action on leucocytes (Geltowski) **7**, 346, *rep.*; (Binz) **8**, 198, *rep.*
 action on nervous system (Heubach) **9**, 212, *rep.* (*frog, mammals*)
 physiological (Jerusalimsky) **11**, 571-2, *rep.*
 effect on ribonuclease reaction of tissue (Baradi & Bourne) **86**, 490, *P.*
 Quinine sulphate, effect in frog (Eulenburg) **2**, 185, *rep.*; (Jolyet) **2**, 185, *rep.*
 Quinoidine (Bence Jones & Dupré) **1**, 161, *rep.*
 Quintuplets, **37**, 302, *rep.*; **40**, 296, *rep.*
 single placenta (Nijhoff) **39**, 501, *rep.*
 Quokka, *see* *Setonix brachyurus*
 Rabbit, brain and nerves, physiology of (Christiani) **16**, 142-3, *rep.*
 calf muscle, action (Stewart) **71**, 137, *P. (disc. only)*
 chromaffin tissue, abdominal, development and fate in (Coupland) **90**, 527-37
 effect of removal of calf muscles on gait (Stewart) **73**, 617-25; **76**, 668, *P. (disc. only)*
 immunity to atropine (Ogle) **2**, 186-7, *rep.*
 Practical anatomy of the rabbit (Bensley, revised and edited by Craigie) 1938. **73**, 503, *rev.*
 blood vascular system, abnormal, 1 specimen (Eales) **65**, 152-3, *anat. not.*
 prochorial plate in (Aasar) **66**, 14-45; **66**, 153, *P.*
 placenta, histochemistry (Davies) **90**, 135-42
 red and white voluntary muscles in (Ranvier) **8**, 423-4, *rep.*
 segmentation of egg, 'Lewis Gregory Film' (Streeter) **63**, 166, *P. (t.o.)*
 vena cava, inferior, in thorax (Franklin) **66**, 76-9
see also Lepus; *Oryctolagus cuniculus*
 Rabies, neural transmission (Field) **85**, 411-12, *P.*
 Raccoon, *see* *Procyon*
 Race(s), human, *The races of man. Differentiation and dispersal of man* (Bean) 1932. **67**, 488, *rev.*
The ancient races of the Thebaid (Thomson & Randall-Maciver) 1905. **39**, 513-14, *rev.*
 methods of classification of (Sergi) in *Atti della Società Romana di Antropologia*, vol. 1, fasc. I, 1893. **29**, 141, 144, *rev.*
 differences in, osteological, in newborn (Hill) **84**, 72, *P.*
 of the Glyptic period (Piette) 1894. **29**, 141, 144, *rev.*
 scapula index as racial character (Flower & Garson) **14**, 13-17
 primitive, international committee to study soft parts (Loth) **61**, 501-2, *P.*
 Rachitis, *see* Rickets
 Radiations, cholinergic corticopetal, forebrain (Shute & Lewis) **97**, 476-7, *P.*; **97**, 480, *dem. (rat)*
 effects of X-rays on development of the cerebral cortex (Berry & Eayrs) **100**, 707
 effect on gonocytes, rat (Sapsford) **98**, 487-8, *P.A.S.A.N.Z.*
 effect of repeated doses on developing chick embryo (Colwell, Gladstone & Wakeley) **57**, 1-11
 effects on the skin of a frog tadpole (Colwell, Thomson & Wakeley) **58**, 21-36
 gamma, effect of unilateral limb shielding on response of thymus, spleen and bone-marrow lymphocytes to gamma irradiation (Osmond *et al.*) **98**, 464, *P.*

Subject Index

Radiations, gamma (cont.)

- immunization and the nitrite sensitivity reaction (Metcalf) 98, 464, *P. (rat)*
- sublethal, haemopoietic recovery, with partial limb shielding, guinea-pig (Osmond *et al.*) 98, 294-5, *P.*
- whole body, effect on subsequent phytohaemagglutinin culture, rat blood (Metcalf) 100, 695-6, *P.*
- and the nitrite sensitivity reaction: importance of previous radiation history (Metcalf) 98, 292, *P. (rat)*
- teratogenic effects, influence of cortisone (Woollam, Millen & Fozzard) 92, 644, *P. (rat)*
- see also Irradiation
- Radiographs** (McWhirter, Shearer & Aitken) 81, 404, *P. (dem.)*
- Radiography**, *Anatomico-roentgenographic studies of the spine* (Hadley) 1964, 100, 417-18, *rev.*
- Radio-iodine**, newly-administered, localization in the thyroid gland (Leblond) 77, 149-52 (*dog, rabbit, guinea-pig, rat*)
- Radiolaria**, observations (Schneider) 6, 449, *rep.*
- Radiology**, *Surface and radiological anatomy* (Appleton, Hamilton & Tchaperoff) 1938, 72, 468, *rev.*
- Atlas anatomischer Varianten des Schädels im Röntgenbild* (Bergerhoff) 1964, 99, 676, *rev.*
- The radiology of bones and joints* (Brailsford) 1934, 68, 573-4, *rev.*
- Radium**, *X-rays and the living cell: with physical introduction* (Colwell & Russ) 2nd ed. 1924, 59, 448, *rev.*
- Über die Röntgenologischen Darstellungsmöglichkeiten des Weiblichen Genitalapparates mit Hilfe von Jodöl und Jodsol* (Erbslöh) 1951, 86, 82, *rev.*
- Röntgenographic study of the movements of abduction at the normal shoulder joint* (Flecker) reprinted from *Med. J. Austral.* 1929, July 27, pp. 3-4, 65, 402, *rev.*
- Normale Anatomie des Kopfes im Röntgenbild* (Goldhamer) parts I & II, 1931, 66, 130, *rev.*
- Radiographic atlas of skeletal development of the hand and wrist* (Greulich & Pyle) 85, 103, *rev.*
- Das normale menschliche Skelett in Röntgenskizzen* (Groskopf & Tischendorf) 2nd ed. 1962, 97, 611, *rev.*
- Atlas de radiographie du système osseux normal* (Haret, Dariaux & Quenu) 1927, 62, 520, *rev.*
- Einstellung zur Röntgenologie* (Holzknecht) 1927, 62, 363, *rev.*
- Röntgenology* (Köhler) 1928, 63, 500, *rev.*
- Vererbung anatomischer Variationen der Nase, ihrer Nebenhöhlen und des Genörorgans* (Leicher) 1928, 63, 499-500, *rev.*
- Die normale Entwicklung des Knochensystems in Röntgenbild* (Ruckensteiner) 1931, 66, 129, *rev.*
- X-rays—their origin, dosage and practical application** (Schall) 58, 180, *rev.*
- and anatomical investigation (Haughton) 31, xl, *P. (t.o.)*
- showing action of heart, frog (Foxon & Walls) 81, 111-17; 80, 245-6, *P.*
- study of circulation of heart and great vessels of frog (Foxon & Walls) 80, 245-6, *P.*
- of mechanism of wrist joint (Bryce) 31, 59-79
- media (vermilion) for arteriography cadaveric (Ferguson) 59, 297-300
- of space, perirenal (Grossman) 88, 407-9
- stereoscopic method of reconstruction (Morton) 75, 265-6, *anat. not.*
- tomography in teaching of (Simon) 73, 357, *P.*
- see also Skiagraphy, etc.

- Radium**, *Radium, X-rays and the living cell*: (Colwell & Russ) 2nd ed. 1924, 59, 448, *rev.*
- Radius**, absent, 42, 138, *rep.*
- of lower third, 1 foetus (Tyrie) 28, 411-13
- congenital, associated with absence of thumb and some carpal bones, 36, 306, *rep.*
- woman aged 38 (Wakeley) 65, 506-8
- bilateral, 1 foetus (Tyrie) 28, 411-13
- with rudimentary thumbs, 37, 309, *rep.*
- anterior dislocation of head, with elongation of bone (Symington) 12, 445-7
- influence on development (Schaper) 39, 496, *rep.*
- fusion with ulna, congenital, 36, 306, *rep.*
- malformations, 44, 106, *rep.*
- movement, pronation and supination (Gemmill) 35, 101-9
- rudimentary (Gruber) 2, 392, *rep.*
- and ulna, congenital synostosis of (Wakeley) 59, 16-17, *S.P.*
- Radon**, effect on development of maxilla, 3-month-old child, seen aged 12 years (McKenzie, Philip & Logie) 90, 598, *P.*
- Raja** (common skate) presence of tympanum in (Howes) 17, 188-90
- synovial joints of (Davies) 82, 9-20
- Raja batis**, electric organ of (Purvis) 25, iii, *P. (SMS)*
- (*t.o.*)
- fins, accessory, 2 cases, 42, 139, *rep.*
- germ-cell (Beard) 38, 82-102; part I contd., 38, 205-32; part I contd., 38, 342-59
- Raja circularis** Loudon, pectoral fins supernumerary (Harper) 67, 213, *P. (dem.)*
- Raja clavata** (common thornback) arches, branchial, muscles related to (Allis) 52, 383-411
- variations in kidney of (Howes) 24, 407-22; 24, xiv, *P.*
- Raja maculata**, melanism, extensive in skeleton (Harper) 67, 211-12, *P.*
- Rails**, osteology (Shufeldt) 29, 21-34
- Rami communicantes**, cervico-thoracic (Harman) 34, 359-80
- in rhesus monkeys (*Macaca mulatta*) (Sheehan & Pick) 77, 125-39
- sympathetic, in man (Pick & Sheehan) 80, 12-20
- white, lumbar, caudal limit (Harman) 32, 403-21
- Rami of spinal nerves**, primary, posterior, observations (Etemadi & Davis) 97, 153, *P.*
- sympathetic cardiac, variations (Ellison & Williams) 98, 683, *P.*
- Rana esculenta**, blastopore, embryonic role of lips (Bertacchini) 34, 410, *rep.*
- cerebral and spinal nerves of (de Watteville) 9, 145-62
- ova, segmentation, effect of centrifugal force (Hertwig) 34, 410, *rep.*
- Rana europaea**, monsters, double, in 3 specimens, 42, 136, *rep.*
- Rana fusca**, Roesel, development, *Die Entwicklung des braunen Grasfrosches*, *Rana fusca*, Roesel (Kopsch) 1952, 87, 216, *rev.*
- testes, accessory, 1 specimen, 42, 138, *rep.*
- Rana nigromaculata**, see Anuran embryos
- Rana palustris**, supernumerary leg, male (Tuckerman) 20, 516-19
- Rana temporaria** (frog) anomalies in vascular system (Mudge) 33, 54-63; 33, lv
- hermaphroditism (Smith) 24, 218-19; 42, 136, *rep.*
- (1 case)
- 2 specimens (Goodall) 43, v, *P. (November 1907)*
- (*t.o.*)
- portal renal vein, variation (Shore) 34, 398-402
- sexual dimorphism exhibited in rigor mortis (Crew) 54, 217-21

Subject Index

- Rana temporaria*, (cont.)
 tissue, lymphatic at junction of large and small intestines (Wood-Jones) 34, xlv-xlvi, *P.* May 1900
 vascular system, abnormalities (Collinge) 50, 37-42
 veins, large, abnormal arrangements (Mudge) 43, v (November 1907) (*t.o.*)
 venous system, abnormal, 1 specimen (Grove & Newell) 68, 341-5
Rangifer tarandus (reindeer) foetal membranes of (Turner) 12, 601-3
 Ratine arch, see Arteries, lingual
 Ranson's method, see Stains and staining
 Rat, *Anatomy of the rat* (Greene) 1955. 90, 457-8, rev. Surgery of the digestive system in the rat (Lambert) 1965. 100, 206, rev.
The genesis of the rat skeleton. A laboratory atlas (Walker & Wirtschafter) 1957. 91, 413, rev.
 development of lungs (Robinson) 23, 224-41
 growth of tail (Keegan & Harrison) 95, 616, *P.*
 urogenital abnormalities, congenital (Hain & Robertson) 72, 83-100
 wood, see *Neotoma*
 Rattlesnake, effect of venom of on blood (Mitchell) 5, 395-6, rep.
 Rays, development, and of hyoid bar in Plagiostomi (Edgeworth) 66, 104-13
 red and white striped muscles in (Ranvier) 8, 423-4, rep.
 see Gymnotus; *Raja*; Malapterurus
 Reagents, carbonyl, age changes in tissue sections revealed by (Albert & Leblond) 83, 183-94
 histological, ammonium and potassium sulphocyanides (Stirling) 17, 207-10
 Receptors, labyrinthine, phylogeny (Shute) 92, 648, *P.*
 mechanisms, *Biological receptor mechanisms, Symposia of the Society for Experimental Biology* No. XVI, 1962. 97, 466, rev.
 muscle, *Symposium on muscle receptors* (Edited by Barker) 1962. 97, 134, rev.
 olfactory, comparison (Graziadei) 100, 700, *P. (dem.)* (cat, frog, mole)
 reactions of to lesions of olfactory bulb (Le Gros Clark & Powell) 91, 571, *P.*
 Recess(es), caecal and position of vermiform appendix in relation to retro-peritoneal hernia (Lockwood & Rolleston) 26, 130-48
 duodenal, posterior (Meyer) 48, 147
 mesocolic, and subcommissural organ, foetus and infant 9 m. (Lucas, Keene & Hewer) 69, 501-7
 retrocaecal, of peritoneum (Reid) 47, 479-85
 spheno-ethmoidal, apertures (Collective Investigation) 28, 75
 Recklinghausen's disease, with generalised dermatitis and left hemiplegia (White) 63, 151, *P.*
 Recombination, epigenetic, in early chick embryo (McKenzie & Sinclair) 97, 638, *P.*
 Reconstruction, of *Australopithecus* (Cave) 74, 139, *P.*; 74, 143, *P. (dem.)*
 method, by contour figure (Buist) 47, 246-9
 graphic (Potts) 92, 647, *P.*
 photographic (Dixon & Howarth) 92, 162-6; 91, 617, *P.*
 rapid (Barnett) 90, 304-6; 90, 564, *P.*
 microscopic, glass plate (Dixon) 28, xvii-xviii, *P.*
 microscopic, photographic (Thomson) 28, xviii, *P.*
 models, demonstration (Frazer & Robbins) 50, 18-19, *P.* (June 1915)
 from modelling clay, from serial section (Waterston) 48, 19-23
 radiographic (O'Rahilly) 81, 404, *P. (dem.)*
 stereoscopic (Morton) 75, 265-6, anat. not.
 wax-plate technique, modification (Hallpike & Peet) 73, 673, *P. (dem.)*
 technical difficulties (Geddes) 46, 68-71
 Recording, auditory, of contraction of striped muscle (Bernstein) 10, 652, rep.
 Recovery, localization of mechanisms following central nervous lesions (Barker & Eayrs) 97, 646, *P. (rat)*
 Rectum, *Congenital malformations of the rectum, anus and genito-urinary tracts* (Stephens) 1963. 98, 281, rev.
 and anal canal (Symington) 46, 289-306; 23, 106-15; (Wilde) 81, 396-7, *P.*; 81, 404, *P. (dem.)*
 malformation (Palmer) 20, 354-6, anat. not. (*female twin*); (Craig) 18, 341-3, anat. not.; 44, 104, rep.
 anatomy, applied (Taylor) 31, xl (*t.o.*)
 surgical (Smith) 47, 350-5
 dilatation, idiopathic, and of sigmoid colon (Barclay-Smith) 32, 341-52; 32, xxvi, *P. (t.o.)*
 double diverticulum, in Dorking fowl and other abnormalities (Paterson) 21, 180-4
 form (Paterson) 43, 127-33; 43, i, *P.* (June 1908) (*t.o.*)
 innervation, intrinsic, considered with anal canal (Holmes) 95, 416-22 (*various animals*); 94, 452, *P.*
 opening into membranous urethra (male infant) (Craig) 18, 341-3, anat. not.
 right-sided and flexure of sigmoid colon (Maddox) 17, 493
 mucosal lesions, repair, cat (McMinn & Johnson) 638-9, *P.*
 structure (Otis) 32, 59-63; 32, iv, *P. (title only)*; 31, xxxviii, *P. (t.o.)*
 topography (Michell) 26, xxi-xxiii, *P.*
 transverse folds, development in human embryo and foetus (Silver) 88, 557, *P.*
 Reflexes, *The discovery of reflexes* (Liddell) 1960. 95, 146-7, rev.
 of cutaneous vessels (Botkin) 9, 416, rep.
 cutaneous and tendon, effects on anaesthetics on (Eulenberg) 16, 142-3, rep.
 dental nociceptive (Griffin) 97, 486, *P.A.S.A.N.Z.*
 effect of rise of temperature on (Foster) 8, 45-53 (*frog*)
 excitability, and oxygen (Ananoff) 9, 218, rep.
 of spinal cord, effect of drugs upon (Stirling) 26, 375-90 (*Rana temporaria*)
 frontal, of Holmgren, *Beitrag zur Kenntnis der klinischen Verwertbarkeit des Holmgrenschen Frontalreflexes* (Grönberg) Acta med. scand. suppl. XXV, 1928. 63, 498, rev.
 Hering-Breuer (Hering) 6, 484-5, rep. (*dog*)
 medullary and spinal (Owsjannikow) 10, 626, rep.
 nervous system (Czernak, Beresin, Setschenow, Paschutin) 1, 156-7, rep.
 pupillary, accommodation (Donders) 1, 165-6, rep.
 consensual light (Donders) 1, 166, rep.
 see also Accommodation
 response, effects of strychnia (Busch) 8, 399, rep. (*frog*)
 spinal inhibitory action of cerebral cortex on, in dogs and frogs (Simonoff, Setschenoff) 1, 359-60, rep.
 investigations (Rosenthal) 11, 543, rep. (*frog*)
 of central inhibition (Herzen) 2, 187-8, rep.
 lumbar (Ezn) 3, 210, rep. (*frog*)
 and medullary (Owsjannikow) 10, 626, rep.; 11, 542, rep. (*rabbit*)
 time required for (Rosenthal) 8, 182, rep.
 sweating (Botkin) 9, 416, rep.
 tendon (Erb, Westphal & Joffroy) 10, 631-3, rep.
 vaso-motor, in response to gastric irritation (Mayer & Pribram) 8, 182, rep.

Subject Index

- Refraction**, double and muscle contactility (Engelmann) 10, 651, *rep.*
- Refractometry**, of cells of adenohypophysis (Kruszynski) 91, 614-15, *P.*
- Regeneration**, *Regeneration in animals and related problems* (ed. by Kiortsis & Trampusch) 1965. 100, 678, *rev.*
- Cicatrisation et régénération* (Millot) 1931. 66, 673, *rev.*; 38, 499, *rep.*
- Regeneration and wound-healing* (Needham) 1952. 87, 214, *rev.*
- Regeneration in vertebrates* (ed. by Thornton) 1959. 94, 279, *rev.*
- bone, pattern following limited experimental lesions, primates (Allbrook & Chagula) 93, 589-90, *P.*
- membrane (Pritchard) 77, 119, *P.*
- of cells, nerve, influence of spinal ganglia and nerve fragments, sciatic, grafted in the brain (Le Gros Clark) 77, 20-48 (*rabbit*)
- effect of pyronin on maturation of peripheral nerve fibres (Gamble & Jha) 92, 667, *P. (rat)*
- lymphatic, experimental, rabbit (Gray) 72, 622, *P.*; 74, 309-35 (*man, rabbit*)
- muscle, following crush or devascularization, electron microscopy (Allbrook) 96, 137-52 (*mouse, rabbit*)
- fibres, striped of (Peroncito) 10, 651, *rep.*
- growth and maturation (Clark & Wajda) 81, 56-63 (*rabbit*)
- invading nerve homografts (Sanders) 84, 394, *anat. not.*
- striped (Le Gros Clark) 80, 24-36
- role of satellite cells, fruit bat (*Eidolon Helvum* Kerr) (Allbrook *et al.*) 100, 936, *P.A.S.A.N.Z.*
- nerve, (Vulpian) 6, 472, *rep.*
- autogenic (Vulpian) 9, 413, *rep.*
- fibres, cutaneous rabbit ear (Weddell) 77, 49-62; (Weddell & Glees) 77, 116-17; *P. (disc. only)*
- cross (Rosow & Snellen) 1, 364-6, *abs.*
- cross union, diameter, somatic and visceral trunks (Simpson & Young) 79, 48-65
- and degenerating, electron-microscopy (Causey & Hoffman) 88, 554, *P.*
- electron microscopy (Barton) 95, 287, *P.*
- after immediate and delayed suture (Holmes & Young) 77, 63-96 (*man, rabbit*)
- hypothalamo-neurohypophysial after pituitary stalk section (Holmes) 97, 310, *P. (monkey, baboon)*
- internode length and fibre diameter (Vizoso & Young) 82, 110-34 (*rabbit*)
- maturation, influence of peripheral connexions (Aitken, Sharman, Young) 81, 1-22 (*rabbit*); 81, 375, *P.*; (Aitken) 83, 32-43; 83, 77, *P.*
- non-medullated (Evans & Murray) 88, 465-80 (*rabbit*)
- optic, afferent and efferent fibres of anurans (Maturana) 90, 592, *P.*
- in paraplegia (Prévost & Waller) 8, 186, *rep. (rat, guinea-pig)*
- peripheral, effect of temperature on maturation, rat (Jha, Goldby & Gamble) 93, 436-47
- effect of pyronin on maturation (Gamble & Jha) 92, 667, *P. (rat)*
- crushed, effect of pyronin on maturation rate (Gamble & Jha) 93, 195-200
- remyelination, of sural (Quilliam) 88, 571, *P. (rabbit)*
- secondary suture, 4 cases (Kennedy) 31, 447-9
- of somatic and visceral (Simpson & Young) 79, 48-65
- vagus (Murray & Evans) 86, 478, *P.*
- of nerve roots, spinal, connective tissue in (Gamble) 97, 491, *P.*
- rate, effect of temperature on, in peripheral nerve (Gamble, Goldby & Smith) 91, 567-8, *P. (Lacerta viridis)*; 92, 667, *P.*
- somatic endings, into adrenal gland, produced by (Evans) 81, 225-32; 81, 376, *P.*
- tail, histogenesis, geckonid *Sphaerogenesis* (Hughes) 93, 569, *P.*
- see also* Hyperaesthesia, regenerative; Nerves, and other tissues; Re-innervation
- Region**, cervical, of *Lacertilia* (Adams) 74, 57-71
- lumbar, surgical anatomy, *Die Lumbal-gegend in anatomisch-chirurgischer Hinsicht* (Lesshaft) [Archiv Anat. Physiol, 1870, 264-99] 5, 372-3, *rev.*
- precommissural, of *Phocaena phocaena* (porpoise) (Breathnach) 87, 96-113; 86, 494, *P.*
- sub-occipital, notes on anatomy of (Grünbaum) 25, 428-32; 25, xi, *P. (t.o.)*
- tubo-tympanic, groove in, and second visual arch (Fraser) 48, 391-408
- Re-innervation**, *see* individual headings
- Relaxant**, muscle, effect on growth of chick embryo (Ahmed & McKenzie) 97, 626, *P.*
- Relaxin**, effects on glycogen, amylophosphorylase, transglycosylase, and uridine diphosphate glucose-glycogen glucosyl transferase activities in myometrium, mice (Hall) 99, 926, *P.*
- Remains**, cranium, tibia, two ends of femur of skeleton found in cave in North-west Rhodesia (Woodward) 59, 21-4, *S.P.*
- historic interest (Wright) 69, 137-8, *P.*
- of Khnumu Nekht and Nekht Ankh of the XII Dynasty (Cameran) 43, ii, *P. (June 1908) (t.o.)*
- Neolithic, dental mutilations (Jackson) 49, 72-9
- from West Kennet Long Barrow, Wiltshire (Wells) 90, 580, *P.*
- from Saxon cemetery in Warwickshire (Brash) 59, 53-4, *S.P.*
- skeletal, from ancient burial mound, County Down (Morton & Scott) 89, 567, *P.*
- found in Limestone Crevice (Patten & MacConaill) 70, 193-5, *P.*
- from Wookey Hole (West) 83, 86, *P.*
- see also* Fossils; Mound, burial; Burial
- Remyelination**, fibres, nerves, growth changes after (Quilliam) 92, 383-98 (*rabbit*)
- Renal medulla**, *see* Kidney, medulla
- Renal vessels**, *see* Vessels
- Reniculus**, cetacean (Cave & Aumonier) 98, 687, *P.*
- Renilla*, structure (Köllicker) 6, 448, *rep.*
- Rennet** cause of coagulation of casein (Béchamp) 8, 209, *rep.*
- Reports**, tenth, of the Medical Officer of the Privy Council, 1868. 3, 188-9 (*rev.*)
- Reproduction**, *The nutritional basis of reproduction* (Millen) 1962. 97, 297, *rev.*
- of *Aphides* (Plateau) 1, 368, *abs.*; (Balbiani) 4, 162, *rep.*; (Balbiani) 5, 196, *rep.*
- in *Cephalopoda* (Lafont) 4, 161-2, *rep.*
- sexual, in *Polypes* (Köllicker) 5, 200, *rep.*
- spontaneous (Donné) 1, 361, *rep.*
- experiments in amorphous blastema (Onimus) 1, 367, *abs.*
- Reptiles**, *The mammal-like reptiles of South Africa and the origin of mammals* (Broom) 1932. 66, 669-71, *rev.*
- Ornithosauria and Aves from the secondary strata* (Seeley) 1869. 4, 287-8, *rev.*
- cerebral cortex (Goldby) 69, 143, *P.*
- dicynodontoid, shoulder girdle (Howes) 26, 403-5

Subject Index

- Reptiles, (cont.)
 embryos, development, early (Griffiths) 72, 175, P.
 (t.o.)
 metatarsal, fifth, in, and hind foot in *Youngina* (Goodrich) 76, 308-12
 structure of ova in (Eimer) 6, 447, rep.
 retina, see Retina
 skeletons of (Segoud) 7, 338, rep.
 teeth, development (Tomes) 9, 397, rep.
 viviparity, factors determining (Weekes) 67, 194-5, P.
- Research, *Medizinische Grundlagenforschung*: Bd. III (Bauer) 1960. 95, 276, rev.
- Reserpine, effect on argentaffin cells in mouse colon and in primary explant cultures (Schofield & Southwell) 99, 948, P.A.S.A.N.Z.
- Residues, epithelial, jaw, especially edentulous (Hodson) 96, 16-24
- Resin, Marco, cast of upper respiratory tract, paranasal sinuses and guttural pouches, horse (Tompsett) 98, 298-9, P. (dem.)
- Resorption, foetal, relationship to foetal malformation (Beck & Lloyd) 97, 307-8, P. (rat)
- Respiration (Nussbaum) 8, 203, rep.
Leçons sur la physiologie comparée de la respiration (Bert) 1870. 5, 191, rev.
The respiratory muscles and the mechanics of breathing (Campbell) 1958. 93, 268-9, rev.
 abdominal and thoracic (Longmore) 93, 570, P. (TV dem.)
Biology of respiration (Negus) 1965. 100, 204-5, rev.
- action of nitrogen protoxide on (Jolyet & Blanche) 8, 409, rep.
- artificial (Horvath) 6, 485, rep.
 effects on circulation (Schiff) 7, 348, rep. (expts.)
 effects on concussion and compression (Schiff) 7, 348, rep.
 in strychnia poisoning (Rossbach) 8, 203-4, rep.; (Joelsohn) 8, 409, rep. (animals)
 and circulation (Hering & Horvath) 5, 212, rep. (curarized animals)
 reflex effects produced by stimulation of nasal mucosa (Kratschmer) 5, 402, rep. (rabbit)
 effect of movement (Sanderson) 1, 368-9, abs.
 see also Respiration, movements
 costal, mechanism (Hobson) 15, 331-45
 cutaneous (von Paalzow) 7, 188, rep.; (Röhrig) 7, 188, rep.
- effect on blood pressure (Schiff) 7, 347, rep. (expts.); (Stefani) 11, 558-9, rep. (curarized dog)
 effect of CO₂ on, in animals (Raoult) 11, 558, rep.
 effect of compressed air upon (Ducrocq) 10, 646, rep.
- effect of cooling on (Wertheim) 6, 238, rep. (dog)
 effect of fasting and fatty acid diet (Pettenkofer & Voit) 4, 321-3, rep. (dog)
 effect of vagus, superior laryngeal and nasal nerves upon (Bert) 4, 186, rep.
 see also Nerves, vagus
 in fever (Leyden) 5, 404, rep.
 of fishes (Gréhan) 5, 215, rep.; (Quinquand) 8, 203, rep.
- in the foetus (Zweifel) 11, 558, rep.
 through humerus, *Gallus domesticus* (Biggs & King) 89, 567-8, P.
- influence on body temperature of (Lombard) 3, 215-16, rep. (animal)
 influence on medulla oblongata (Schiff) 5, 403, rep. (Schiff) 6, 233-4, rep.; (von Wittich) 1, 360, rep.
 influence on tissue metabolism (Pflüger) 11, 567, rep.
- interrupted, blood flow during (Dogiel & Kowalevsky) 5, 403, rep.
- investigations on (Lovén) 4, 195, n.
 in mammals including man, and birds (Czermak), 1, 155-6, rep.
- mechanical work in, an estimate (Lowne) 9, 280-7
 mechanism (Keith) 37, li-lxi, P.
 birds (Drosier) 1, 156, rep.
 of carbon dioxide in (Berns) 5, 215, rep.
 skate (Burne) 44, 1, (dem.).
- moistening function of lacrimal gland in (Bergeon) 6, 235, rep.
- movements, effects of oxygen lack and carbon dioxide accumulation on (Rosenthal) 5, 403, rep.
 influence of medulla oblongata on, in frogs (von Wittich), 1, 360, rep.
 and pulmonary circulation, model of (Liebermann) 6, 483, rep.
 and thoracic diameters, at rest and during activity (Davis & Troup) 100, 397-410
- nasal concha, function in air conditioning and thermoregulation (Cole) 88, 575, P.
- physical properties connected with (Johnson) 10, 645, rep.
- physiology, and movements of vertebral column and diaphragm (Halls Dally) 43, 93-114; 43, vii (March 1908) (t.o.)
- pulmonary (Wolffberg) 7, 347, rep.
- sheep (Henneberg, Schulze, Mäcker & Brun) 5, 215, rep.
- serratus anterior muscle in, electromyography (Catton & Gray) 85, 412, P.
- of tissues, experiments (Bert) 5, 218-21, rep.
- tissue, muscle (Danilevsky) 9, 442-3, rep.
- volume of air (Moin) 8, 203, rep.
 see also Nerve, vagus; Muscles, scalenus
- Respiratory pathways, see System(s), respiratory
- Response, motor, to visual stimuli, time taken for (Mendenhall) 6, 220, rep.
- Rest, On the influence of mechanical and physiological rest in the treatment of accidents and surgical diseases, and the diagnostic value of pain (Hilton, ed. by Walls & Philipp, with the collaboration of Atkins) 6th ed. 1950. 85, 303, rev.
- Resuscitation, after poisoning with potassium salts (Böhm) 9, 248, rep.
- Rete, carotid in lesser bush baby (*Galago senegalensis senegalensis*) (Kanaganuntheram & Krishnamurti) 99, 861-75
- intra-cranial, development, sheep (Balankura) 88, 572, P.
- mirabile, of Narwhal (Wilson) 14, 377-95 (foetus)
 of internal carotid artery, ox, sheep, horse, goat, pig (Kelly) 37, lxx, P.
 structure and significance, cetacea (Walmsley) 72, 142, P.
- testis, cysts (Griffiths) 28, 107-24
- Reticular formation, see Formation, reticular
- Reticulocytes, blood and bone-marrow, method for permanent preparation (Bhuyan) 98, 300-1, P. (dem.)
- Reticuloendothelial structure, see Systems, reticuloendothelial
- Reticulum, and rumen, activity during reticulum and eructation cycles, cine-radiography, sheep (Akester & Titchen) 98, 297-8, P.
- spleen, structure (Carlier) 29, 479-84 (cat)
- stellate, histochemistry, foetus, man (Ten Cate) 91, 609-10, P.
- vital staining, rabbit appendix (Harper) 80, 231-2, P.

Subject Index

- Retina** (Landolt) 5, 379, *rep.* (*frog, salamander, triton*)
 action currents of (Holmgren) 6, 225, *rep.* (*vertebrates*)
 of amphibia: *Bufo vulgaris*, *Rana temporaria*, *Triton cristatus*, the black and gold salamander of Europe (Hulke) 1, 94-106
see also Retina, development
 anatomy (Hasse) 2, 170, *rep.*
 porpoise (Hulke) 2, 19-25
 and physiology (Schultze) 1, 150, *rep.*
 association of two (Mandelstamm) 7, 344, *rep.*
 blinding by sunlight (Czerny) 2, 415, *rep.*
 blood vessels of (Hulke) 3, 199-200, *rep.* (*hedgehog*); (Michaelson) 83, 64, P.
 histological preparation (Musgrove) 26, 245-53
 blood-vessels and lymphatics (Musgrove) 27, xiii-ix, P.
 central representation, and association fibres of the visual cortex (Le Gros Clark) 75, 225-35 (*monkey*)
 circulation in (Leber) 7, 344, *rep.*
 cones, double and oil droplets in, marsupial (O'Day) 70, 465-7
 connections with the brain (Brown-Séquard) 9, 219, *rep.*
 development, amphibia (Cameron) part I, early stages, 39, 135-53; part II, cellular differentiation, 39, 332-48; part III, development of cones and pigment cells, 39, 471-88
 differentiation (Mann) 61, 490, P.
 epithelium in front of (Ewart) 8, 353-6 (*ox, cat, sheep, fowl*)
 fibres, centrifugal, to, pigeon (Cowan & Powell) 97, 301-2, P.
 fovea centralis (Hulke) 1, 149-50, *rep.*
 ganglion cells, elephant (Thin) 14, 287
 frog (Manz) 1, 357, *rep.*; (Thin) 13, 139-45 (*cat, sheep*)
 hiatus (Lanchester) 68, 224-38; 68, 145-6, P. (*disc. only*)
 histology (Ewart) 9, 166-8 (*ox, sheep, rabbit, kitten, frog*); (Gunn) 11, 357-9; note by Schafer p. 516
 intermittent irritation of (Engelhardt) 5, 212, *rep.*
 inter-receptor contacts, man and macaque, electron microscopy (Cohen) 99, 595-610
 layer, plexiform, cat, pigeon (Kidd) 96, 179-87
 lymph vessels (Schwalbe) 8, 174, *rep.*
 and blood-vessels (Musgrove) 27, viii-ix, P.
Die Membrana fenestrata der Retina (Krause) 1868, 3, 187, *rev.*
 nerve fibres in (Nicati) 10, 452-3, *rep.*
 optic nerve, endings in (Krause) 2, 169, *rep.*
 fibres and ganglion cells in (Thin) 13, 139-45 (*cat, sheep*)
 ora serrata (Alexander) 54, 179
 physiology, the quantitative relation of light to sensation (Lowne) 11, 707-19
 pigmental layer of (Morano) 6, 443, *rep.*
 pigment epithelial cells, ultrastructure, foetus (Breathnach & Wyllie) 100, 700-1, P. (*dem.*)
 photo-chemical processes in (Kühne) 11, 545-8, *rep.* (*frog, rabbit*)
 projection of centrifugal fibres to, organization, pigeon (McGill *et al.*) 100, 35-49
 relation to visual field, method of demonstration (Stuart) 25, 298-9
 representation upon the optic tectum and isthmo-optic nucleus, pigeon (McGill *et al.*) 100, 5-33
 of reptiles: *boa constrictor*, *Natrix torquata*, *Vipera communis*, *Anguis fragilis*, chameleon, Spanish gecko, iguana (*tuberculata?*), *Lacerta viridis*, a larger blue-spotted lizard, *Testudo graeca*, emys or terrapene and *Chelonia mydas* (Hulke) 1, 94-106
 rods (Schultze) 3, 455, *rep.* (*cephalopoda, heteropoda*)
 and cones (Schultze) 2, 168-9, *rep.*; 3, 199, *rep.*; (Cameron) 46, 45-53
 sensibility, to colours (Woinow) 5, 400, *rep.*
 stimulation, effect on tissue metabolism (von Platen & Pflüger) 11, 191-2, *rep.* (*rabbit*)
 structure (Merkel) 5, 378-9, *rep.* (*amphibia*); (Schultze, Dobrowolsky) 6, 443, *rep.*; (Ewart & Thin) 11, 96-108 (*frog, sheep, ox*); (Krause) 2, 399 (*comparative*); (Purvis) 25, ii, P. (SMS) (*t.o.*) (*rabbit, mouse*)
 and development in mammalia and chick (Schultze) 2, 399, *rep.*
 ultrastructure (Villegas) 98, 501-13
 vascular and nervous connexions concerned in response of gonads to light (Thomson & Zuckerman) 83, 63-4, P.
 vascular morphogenesis in cat (Michaelson) 82, 167-74
see also Macula lutea
Retinaculum, upper, of hip joint (Frazer) 38, 170-85
 of Weitbrecht, *see* Membrane, synovial of hip joint, Retinaculum of wrist
 of wrist (Young & Harrison) 81, 397, P.; (Walmsley) 51, 61-4; (Fawcett) 30, 53-8
Return, venous, and collagen fibres of veins (Franklin) 66, 602-9
Rhabdomyosarcoma, of kidney (two cases) (Osler) 14, 229-33
Rhachischisis posterior, and anencephaly, with a description of human hemicephalus of 18 mm. (Ströer & van der Zwan) 73, 441-50
Rhea americana, osteology (Cunningham) 6, 447, *rep.*
Rhea darwini, osteology of (Cunningham) 6, 447, *rep.*
Rhinencephalon, parts, in *Phocaena phocaena* (porpoise) (Breathnach & Goldby) 88, 267-91
Rhinocephaly, eyes, fused (van Duyse) 34, 417, *rep.*
Rhinoceros, African, foetal (Duckworth) 76, 223, P.
 dentition (Gray) 8, 176, *rep.*
 Sumatran, *see* *Dicerorhinus*; *Rhinochoerus sumatranus*; *Ceratorhinus sumatrensis*; *Dicerorhinus*
Rhinocetus jubatus, powder downs of (Murie) 7, 174, *rep.*
see also *Mesoplodon bidens*
Rhinochoerus sumatranus (Gray) anatomy (Murie) 6, 131-69
Rhinodymia, double monster, 35, 501, *rep.*
Rhizocrinus, anatomy (Carpenter) 12, 35-53
Rhizodontidae, myodome and trigemino-facialis chamber (Allis) 56, 149-54
Rhombencephalon, *A cyto-architectonic atlas of the rhombencephalon of the rabbit* (Meessen & Olszewski) 1949, 84, 57, *rev.*
 arteries, rat (Moffat) 91, 25-39
 cholinesterase distribution (Snell) 93, 561, P. (*cat*)
 development, pig (Bradley) part I, 40, 1-14; part II, 40, 133-51
 isthmus, development (Frazer) 63, 7-18; 63, 159, P.
 lesions, causing pyrexia (Bruck & Günther) 5, 410, *rep.*
 microscopical anatomy of (Held) in *Archiv für Anatomie*, Band vi, 1893, 28, 380, 381, *rev.*
Rhus toxicodendron, action on human skin (White) 8, 224, *rep.*
Rhus venenata, action on human skin (White) 8, 224, *rep.*
Rhynchocephalus (*Hatteria*) anatomy (Günther) 2, 403-4, *rep.*
Rhynchocyon, skeleton, appendicular and axial (Mivart) 1, 306-8
Rhynchocyon, skull (Mivart) 1, 306-8

Rhythm, cardiac (Rossbach) 10, 635-6, *rep.*; (Davies & Francis) 74, 138-9, *P. (film)*
 cinephotographic method of analysis (Davies & Francis) 77, 115-16, *P. (salamander)*
see also Heart beat

Rhytina borealis, notes (Murie) 6, 446, *rep.*
 structure of skin (Brandt) 6, 446, *rep.*

Ribonucleoprotein, and mitosis, structural changes (Boss) 87, 445, *P.*

Rib(s), articulation between (Scott) 13, 577; (Turner) 13, 577
 bifid (Popowsky) 34, 419, *rep.*
 bicipital (Scott) 18, 339-40, *anat. not.*; (MacDonnell) 20, 405-6 (1 case)
 in man and cetacea (Turner) 17, 384-400
 bifurcated (Popowsky) 33, 500 (*ref. only*)
 with costal cartilage (Eccles & Black) 28, ix (2 cases)
see also Ribs, variations
 breadth (Anderson) 18, 171-3
 cervical (Gruber) 2, 402, *rep. (dog)*; (Turner) 4, 130-9 (7 cases); (Gruber) 4, 151, *rep.*; (Clark) 9, 388, *rep. (1 case)*; (Lane) 19, 266-73 (1 case); (Dwight) 21, 539-50 (2 cases); (Reid) 24, iii, *P. (1 case)*; (Morison) 33, 499, *anat. not.*; (Black) 33, xlvii-1, *P.*; 35, 503, *rep.*; fourth, 37, 302, *rep.*; (Lucas Keene) 49, 336-41 (2 cases)
 arterial lesion (Todd) 47, 250-3
 with bibliography (Phillips) 34, xxxiii-xlii, *P. (2 cases)* May 1900
 exhibition (Cave) 64, 116-18, *P.*
 incidence, morphology of related muscles, nerves, ribs and vessels, 3/260 subjects (Todd) 46, 244-88
 lemur (Nayak) 68, 119-21, *anat. not.*; 68, 139, *P. (t.o.)*
 in man and cetacea (Turner) 17, 384-400
 ossifications, costo-transverse, and in upper thoracic region (Dwight) 45, 438-41
 plexus brachial from, with vascular symptoms (Davies & Blair) 69, 140-2, *P.*
 and rudimentary first, comparison in two subjects (Hertslet & Keith) 30, 562-7; 30, xv
 thoracic, clinical and etiological consideration (Gladstone & Wakeley) 66, 334-70; 65, 173-4, *P.*
 springing from the 7th vertebra (Stieda) 1, 357, *rep.*
 surgical anatomy, and associated symptomatology (Todd) 45, 293-304
 variations (Struthers) 9, 17-96
 development, second month (Geddes) 47, 18-30
 epiphyses (Fawcett) 45, 172-8
 first, foramen for lateral cutaneous branch of intercostal nerve (Thomson) 19, 328-32
 ligamentous shaft (Dukes & Owen) 36, 290-1
 ossifications, costo-transverse in lower cervical and upper thoracic regions (Dwight) 45, 438-41
 reduced (Wood) 63, 156, *P.*
 relation of first intercostal nerve to (Cave) 63, 367-79
 rudimentary (Dow) 59, 55, *S.P. (t.o.)*
 and anatomy, arrangement of the brachial plexus (Dow) 59, 166-79
 and cervical, clinical and etiological consideration (Gladstone & Wakeley) 66, 334-70; 65, 173-4, *P.*
 comparison in two subjects (Hertslet & Keith) 30, 562-7; 30, xv, *P.*
 in horse (Bradley) 36, 54-62
 with thirteen pairs and 25 presacral vertebrae (Addison) 34, 451-7 (1 case)

variations, associated with changes of the constitution of the brachial plexus (Jones) 45, 249-55
 fusion (Gruber) 10, 440, *rep.*
 post-traumatic (Mudge) 34, iv, *P. (November 1899)*
 lumbar, free, in rabbit (Howes) 26, ii-v
 and six pieces of sacrum in 1 case (Launay) 28, 375, *rep.*
 movements, *see* Movements
 relations of limb plexuses and vertebral column (Jones) 44, 377-93
 7th and 8th, relation to sternum (Lickley) 39, 505, *rep.*; 37, lxxviii, *P. (t.o.)*
 spongiosa of (Bardeleben) 9, 244, *rep.*
 sternal, in man, with special reference to the variation of ribs in primates (Tredgold) 31, 288-302; 31, xxvi-xxviii (235 human specimens and 133 others)
 and sternum, relation (Gladstone & Wakeley) 66, 508-64
 supernumerary, familial, 2 cases (Soffianti) 28, 375, *rep.*
 third, bifurcate, 36, 304, *rep.*
 thirteen pairs, with rudimentary first rib and 25 presacral vertebrae (Low) 34, 451-7 (1 case)
 with twenty-five pre-sacral vertebrae, 1 skeleton (Meyer) 48, 152
 true, additional (Perrin) 6, 435, *rep.*
 six, 1/70 cases (Cunningham) 24, 127-9
 eight (14/70 cases) and right-handedness (Cunningham) 24, 127-9
 two-headed in whales and man (Turner) 5, 348-61
 variations (Huntemüller) 2, 176, *rep.*; (Acby) 3, 195, *rep.*; (Zaaijer) 4, 151, *rep.*; (Lane) 20, 388-404
 abnormal union between (Campbell) 4, 245-6
 of 1st and 2nd (Zaaijer) 5, 228, *n.*
 of *Hystrix cristata* (Parsons) 27, xii-xiv, *P.*
 of primates, with special reference to sternal ribs in man (Tredgold) 31, 288-302; 31, xxvi-xxviii (235 human specimens and 133 others)
 and vertebrae, abnormal, foetal (Pastricha) 53, 254-8
see also other variations under Rib(s)
 twelfth, absent, 1 case (Gladstone) 46, 220-7
Riboflavine, the haemoglobin nitrite sensitivity reaction and the Walker carcinoma (Metcalfe) 97, 622, *P. (rat)*

Ribonuclease, reaction of tissues, effect of quinine (Baradi & Bourne) 86, 490-1, *P.*

Rickets, *Rickets*, including osteomalacia and tetany (Hess) 1930. 64, 539-40, *rev.*
 artificial production of (Tripier) 8, 426-7, *rep. (cat, dog, fowl)*
 deformities produced in relation to position of lumbosacral articulation (Lane) 22, 15-27
 in dwarf skeleton (Humphry) 2, 42-6
 experimental production of (Heitzmann) 9, 443, *rep. (cat, dog)*
 foetal, 2 cases, 30, 452, *rep.*
 with elephantiasis, lymphangiectasic (Caruso) 34, 412, *rep.*
 growth-rate of bones in (Pye) 23, 116-23
 in wild animals (Sutton) 18, 363-87

Ridge(s), alveolar, of mandible, and palate, development (Bolk) 55, 138-52
 papillary, foot and hand (Kidd) 43, 291-300; 44, i, *P. (t.o.)*
 of man and monkey (Hepburn) 30, 312, 314-15, *rev.*
 imbrication (Kidd) 39, 413-16; 39, xiii
 nature and function, man (Cauna) 87, 452, *P.*

Subject Index

- Ridge(s)**, papillary (*cont.*)
 and papillary layer of the corium, hand and foot, mammal (Kidd) 41, 35-44
 and volar surface patterns of hand, development and evolution (Evatt) 41, 66-71; 40, xvii, *P. (t.o.)*
 temporal, development, rat (Darlington) 92, 654, *P.*
- Right-whale**, Greenland, *see Balaena mysticetus*
- Rigor**, production of heat during (Schiffer) 2, 416-17, *rep.*
- Rigor mortis** (Michelsohn) 8, 213, *rep.*
 nature of (Norris) 1, 114-19
 production of heat in (Dybrowsky & Fick) 3, 236, *rep.*
 Sommer's movements (Storoscheff) 10, 651, *rep.*
- Rima glottidis**, functions of different parts (Aikin) 36, 253-6
- Rima oris**, (Lightoller) 60, 1-85 (*human and chimpanzee*)
- Rodentia**, auditory apparatus (Pye) 99, 161-74
 brain, homoplasty (Mann) 30, 1-35
 clavicle (Rolleston) 13, 115
 myology (Parsons) 26, x-xiii, *P. (porcupine, agouti, guinea-pig)*
 superior vena cava in (Rolleston) 13, 115
see also Dinomys
- Rodlet**, intranuclear, in nerve cells, ultrastructure electron microscopy (Siegesmund, Dutta & Fox) 98, 93-7 (*rabbit, monkey*)
- Roller**, for making wax plates (Fawcett) 48, 461, *anat. not.*
- Romanowsky staining**, *see Stains and staining*
- Roots**, of nerves dorsal, spinal, course of fibres, *Macaca mulatta* (Young & Zuckerman) 71, 447-57; 71, 150, *P. (t.o.)*
 electron microscopy (Eames & Gamble) 98, 478-9, *P. (dem.)*
 and spinal cord, *Lacerta viridis* (Goldby & Robinson) 96, 153-70
 regenerating and normal, connective tissues, electron microscope (Gamble) 97, 481, *P.*
 unmyelinated fibres of (Windle) 57, 360-3
 olfactory, medial (Beau) 93, 585, *P. (t.o.)*
- Rotation**, axial, medial inclination of the thoracic intervertebral articular facets in relation to (Davis) 92, 653, *P.*
 and circumduction (Dwight) 19, 351-4
 digital (Backhouse) 94, 453, *P.*
 of fore-arm, *see Pronation and supination*
 humeral, abduction and flexion in (Hickey) 100, 947, *P.A.S.A.N.Z.*
see also Movements, of limb, upper
 intestinal, anomalous, 2 cases, (Dow) 71, 156-7, *P.*
 scapular, and abduction of shoulder (Freedman & Munro) 100, 947, *P.A.S.A.N.Z.*
- Round-compensator**, directions for the use (Reymond) 7, 179, *rep.*
- Rubidium chloride**, effects of intravenous and intra-arterial injection (Blake) 7, 201-9 (*rabbit*)
- Rugae**, palatal, transverse, variations in position in relation to teeth (Friel) 70, 200, *P. (t.o.)*
- Rules**, of Anatomical Society of Great Britain and Ireland, 22, i-ii, *P.*
- Rumen**, and reticulum, activity during reticulum and eructation cycles, cine-radiography, sheep (Akester & Titchen) 98, 297-8, *P.*
- Ruminantia** (sub-order of Artiodactyla) *see also Camelopardalis; Sivatherium giganteum*
- Rumplessness**, insulin-induced, explanted chick embryo (Barron) 97, 479, *P.*
- Ruxton case**, anatomical problems (Brash) 71, 153, *P.*
- Sac(s)**, air, and lungs, maximum capacities, *Gallus domesticus* (King & Payne) 96, 495-503
 volume, *Gallus domesticus* (King & Payne) 92, 656, *P.*
bursal, in substance of subscapularis muscle (Stibbe) 64, 98, *anat. not.*; 64, 119, *P.*
cephalic, of *Lineidae* (McIntosh) 10, 231-52
chorionic, full-term, observations, lion (*Felis leo* L.) (Morton) 97, 621-2, *P.*
intromittent, of guinea-pig, male (Cole) 32, 141-52
lacrimal, and duct, structure of (Robin & Cadiat) 10, 453, *rep.*
 lesser, *see Sac*, peritoneal, lesser
lymph, cells containing blood corpuscles and changes in blood of (Lange) 10, 645, *rep.*
peritoneal, abnormal (Hepworth) 50, 293-8
 lesser, development, man (Kanagasuntheram) 91, 188-206
 phylogeny (Frazer) 59, 7-8, *S.P. (human and elasmobranch)*
 relations to gastropancreatic folds (Crymble) 47, 207-24
pleural, developmental changes, and of pericardium and mesocardium, embryo (Waterston) 50, 24-9; 50, 6-8, *P. (January 1915)*
 formation (Frazer) 61, 504, *P. (t.o.)*
thymic, connections with thyroid, mammals (Williamson & Pearce) 63, 161, *P.*
yolk, nutritive value (Robinson) 26, 308-23
 persistence (Keith) 42, 457-9, *anat. not. (kitten)*
 villus-like filaments in, human embryo, 1.6 mm. (Wilson) 59, 64, *S.P.*
- Sacculation**, peritoneal, ovarian, reappearance, 3 cases (Reynolds) 50, 308-15
- Saccule**, of larynx, bilateral anomaly (Campbell) 72, 465-6, *anat. not.*
see also Macula acoustica
- Sacrocephaly**, one case (Zaaijer) 8, 386, *rep.*
- Sacrum**, asymmetry of, in skeleton of negro (Paterson) 27, xxiii-xxiv, *P.*
 growth, rat (Harrison) 90, 594, *P.*
 ossification (Fawcett) 40, xv-xvi, *P.*
 sex, differences in position and composition (Derry) 46, 184-92
 sexing, man (Fawcett) 72, 633, *anat. not.*
 showing costo-transverse foramen on left of first vertebra (Thane) 40, xi, *P. (t.o.)*
 six pieces of, and lumbar ribs, in same case (Launay) 28, 375, *rep.*
 tumour, 43, 122, *rep.*
 variation in, in *Bombinator* (fire toad) (Howes) 24, xvi-xvii, *P.*
- Safranin-O**, nucleoproteins, cytoplasmic, demonstration (Foster) 83, 101-8
- Saiga antelope**, anatomy (Murie) 5, 382, *rep.*
- Saimiri** (squirrel monkey), peritoneal specialization (Hill) 89, 569, *P.*
- St Bartholomew's Hospital**, new anatomy building (Woollard) 71, 149, *P.*
- Salamander**, bone repair in (Bowden & Pritchard) 90, 572-3, *P.*
 conducting system in heart (Davies & Francis) 74, 138-9, *P.*
 return to function of transplanted eyes in (Stone) 81, 397-8, *P.*
 Japanese, *see Cryptobranchus japonicus*
 spotted, *see Salamandra maculosa* (Laur.)
- Salamandra maculata**, active principle of venom of (Zalesky) 2, 187, *rep.*
- Salamandra maculosa** (Laur.) (spotted salamander) 1 specimen of hyobranchial skeleton in (Francis) 65, 388-91
 skin of larva of (*Langerhans*) 8, 177, *rep.*

Subject Index

- Salicin(e), effect of, on temperature, in health (Ringer & Bury) 11, 589-604
- Salicylic acid, action on urine (Fleischer) 10, 650, *rep.*
and sodium salicylate, action on tissue breakdown (Wolfsohn) 11, 567, *rep. (dog)*
- Saliva, action on starch (Lösch) 3, 463, *rep.*; (Paschutin) 6, 459, 487, *rep.*
action, diastatic, of alkalies on (Cornillon & Bretet) 11, 559, *rep.*
action of glycogen on (Seegen) 13, 412-13, *rep.*
gases (submaxillary gland) (Pflüger) 4, 179, *rep. (dog)*
secretion, in *Dolium galea* (De Luca & Panceri) 2, 429, *rep.*
mechanism, following nerve stimulation (Owsjanikow & Tschiriew) 8, 183-4, *rep.*; (Grützner & Chtapowski) 8, 184, *rep. (dog)*
in horse, in parotid and submaxillary glands (Eckhard) 1, 166, *rep.*
in relation to facial nerve nucleus (Külz) 10, 202, *rep. (dog)*
see also Glands, salivary
- Salivary glands, *see* Glands, salivary
- Salivation, effects of stimulation of the cerebral cortex on (Lépine, Rochefontaine & Tridon) 10, 620, *rep. (dog)*
- Salmo salar (salmon), digestive tube (Barton) 34, 295-300; (Gulland) 35, 114-16; (Kingston) 36, 142-6
irregular growth in (Muirie) 5, 198, *rep.*
structure and development of (Parker) 9, 406, *rep.*
skull (Parker) 7, 174, *rep.*
- Salmonidae, blood corpuscles (Gulliver) 8, 178, *rep.*
- Salt(s), effect on development of frog's egg, 42, 132, *rep.*
secretion in nasal glands in ducks (Scothorne) 93, 246-56; 93, 588, *P.*
- Saponin, and digitalin, antagonistic action of (Koehler) 8, 231-2, *rep.*
- Saponine, action on nerves and muscles (Pélikan) 2, 424-5, *rep.*
- Sarcina ventriculi, investigation concerning the vegetable nature, the corpuscular structure and the laws of development of this organism (Surin-gar) 1, 364, *abs.*
- Sarcoma, pathology, illustrated by subcutaneous cystic tumours (Creighton) 14, 292-328
primary, of the kidney (Windle) 18, 150-70
of pleura (Greenish) 17, 333-8
striated myo-, *see* Rhabdomyosarcoma
of undescended testis, associated with uterus in male (hermaphrodite) (Primrose) 33, 64-75
- Sarcophilus harrisii (Tasmanian devil) muscles of (Macalister) 4, 308, *rep.*; (Macalister) 7, 172, *rep.*
- Sarcophilus ursinus *see* Sarcophilus harrisii
- Sarcosine, reactions (Buliginisky) 2, 430, *rep.*
- Sarcosomes, heart muscle, preparation and properties (Cleland) 87, 436-7, *P.*
- Saurians, bones and muscles of limbs of, *Die Knochen und Muskeln der Extremitäten bei den schlangenhähnlichen Sauriern* by Fürbringer, 1870. 4, 285-6, *rev.*
- Sauropsida, alisphenoids, homologies (Allis) 53, 209-22
relations to mammalia (Shore) 21, 362-73
'Savages', *see* Tribesmen
- Scabs, tissue, connective constituent, rat (James) 89, 575, *P.*
- Scalenus anticus (anterior) syndrome, and asym-metry of thoracic inlet (Weddell & Falconer) 80, 216, *P.*
- Scales, of fish, structure and growth (Salbey) 3, 459, *rep.*
in integument of *Polyodon folium* (Collinge) 29, 485-7
- Scalops (mole) skeleton, appendicular and axial (Mivart) 1, 311
skull of (Mivart) 1, 311
- Scalp, living, thickness (Parsons) 63, 427-9; 64, 116, *P. (t.o.)*
of negro adult (Stewart) 25, iii, *P.*
and skin, of negro foetus (Thomson) 25, 282-5; 25, iii, *P. (t.o.)*
thickness (Todd & Kuenzel) 58, 231-49
- Scandinavian and Dutch contributions to anatomical and physiological sciences (Moore) 1, 171-84; 1, 363-7; 2, 194-9; 3, 432-6; 3, 242-51; 4, 191-5; 4, 332-9; 5, 227-32
- Scapamus, skull of (Mivart) 1, 311-12
- Scaphocephaly, brain, skull and pelves of 2 subjects with (Smith) 34, xlv, *P. (July 1899) (t.o.)*
- Scaphoid bone (Gruber) 5, 375, *rep.*
carpal, supernumerary (Gruber) 7, 326, *rep.*
division (Anderson) 17, 253-5
and other abnormalities (Johnston) 41, 59-65
sub-division due to fracture, 1 case (Struthers) 8, 113-14
fractures, specimen (Johnston) 43, v, *P. (January 1908) (t.o.)*
tarsal (Gruber) 6, 433, *rep.*
- Scapula, bony enlargements, 43, 123, *rep.*
congenital hole of (Gruber) 6, 433, *rep.*
dorsum, nature of fibrous band on (Keith) 30, xiv-xv, *P.*
extension of superior angle for insertion of serratus anterior (Gruber) 7, 326, *rep.*
high position, congenital, aetiology, 43, 123, *rep.*
index, *see* Index
neolithic and modern, showing adventitious epiphysis on the dorsal aspect of the spine (Cave) 73, 362, *P. (dem.)*
ossification (Smith) 59, 387
- Scar, stretching, and extension of freckle (Breathnach) 92, 659, *P.*
- Scarpa's fascia, *see* Fascia of abdominal wall
- Scheiner's experiment, demonstration of (Barrett) 19, 97
- Science, medical, *Annual of the universal medical sciences: a yearly report of the progress of the general sanitary sciences throughout the world* (Sajons, ed.) 1890. 25, 294, *rev.*; 1891. 26, 276, *rev.*; 1892. 27, 564, *rev.*; 1895. 30, 315, *rev.*
- Scientific basis of medicine. *Annual Reviews*: 1963. 98, 460, *rev.*; 1964. 99, 401, *rev.*
- Sciuromorpha, auditory apparatus (Pye) 99, 161-74
- Sciurus carolinensis leucotis (grey squirrel) os genitale (Young) 94, 580, *P.*
- Sclera, development, staged chick embryos (O'Rahilly) 94, 577-8, *P.*
- Scleral bones, development, in chick embryo (Murray) 77, 225-40
- Sclerosis, primary lateral, *see* Tracts, pyramidal
- Sclerotic, epithelial cells (Purvis) 25, ii, *P. (SMS) (t.o.) (mouse)*
- Scoliosis (Meyer) 1, 151, *rep.*
associated with hypertrophy of lumbar sacral sym-pathetic (Cunningham) 9, 306-10 (*man*)
congenital (hemi-vertebra) (Wakeley) 57, 147-8; 59, 35, *S.P.*
description of 3 cases (Goodhart) 9, 1-16
- Scopus umbretta, osteology (Shufeldt) 35, 406-12
- Scorpio occitanus, effect of venom of (Jousset) 5, 395, *rep.*

Subject Index

- Scorpions**, embryology (Metschnikoff) 6, 449, *rep.*
venom, actions (Jousset) 6, 501, *rep.*
- Scotopelia peli**, Temm. sternum and viscera of (Murie) 6, 170-5
- Scots**, crania, characters of, 176 specimens (Turner) 37, 392-408
- Scrotum**, asymmetry, and handedness, 486 subjects (Chang *et al.*) 94, 543-8
bifid (Howden) 32, xxi-iii, *P.*; 31, xl, *P.* (*t.o.*)
cleft, with hypospadias, one case (Handyside & Graham) 7, 332, *rep.*
with complete hypospadias, 2/9 sibs (Kellock) 34, 420, *rep.*
congenital adherence of penis to, with hypospadias (Busachi) 27, 422, *rep.*
development and anatomy of (Lockwood) 22, 505-41
- Scurvy**, effect on fine structure of fibroblasts in guinea-pig regenerating tendon (Peach) 97, 141, *P.*
histochemistry of changes produced in various tissues (Hill & Bourne) 88, 581, *P.*
- Scyliorhinus canicula**, development of coraco-branchiales and cucullaris in (Edgeworth) 60, 298-308
eyelids, muscles (Ridewood) 33, 228-42; 33, lv, *P.*
head muscles (Edgeworth) 37, 73-88
hermaphroditism (Murray & Baker) 58, 335-9
- Sea cow**, *see* Manatee
- Sea-horse**, *see* Hippocampus
- Sea-lion**, *see* Otaria; Pinnipedia
- Seals**, of Auckland islands (Clark) 9, 405, *rep.*
bones (Hector) 4, 308, *rep.*
common, *see also* *Phoca hispida*; *Phoca vitulina*
eared, New Zealand (Hector) 6, 446, *rep.*
see also *Otaria jubata*
foetal and adult, organs, genital, changes (Harrison) 85, 428, *P.*
fore flipper, increasing specialization (King) 98, 476-7, *P.*
fossil, bones from post-tertiary clay at Dunbar, 13, 318-21
fossil, found in Scotland (Turner) 4, 260-70
remains of (van Beneden) 6, 446, *rep.*
grey, *see* *Halichoerus*
gyri, compared with those of carnivora, apes and man (Turner) 22, 554-81
hooded, *see* *Cystophora cristata*
of Japan (Gray) 9, 405, *rep.*
Laysan Monk, *see* *Monachus schauinslandi*
ovary (Harrison) 84, 400, *P.*
peritoneum (Anderson) 19, 228-9, *anat. not.*
pineal body, and walrus (Turner) 22, 300-3
Ross, *see* *Ommatophoca rossi*
southern elephant, *see* *Mirounga leonina*
veins, vena cava, inferior (Harrison & Bental) 84, 400, *P.*
Weddell, *see* *Leptonychotes weddelli*
see also *Eumetropias elongatus*; Pinnipedia
- Secretion**, digestive, and intestinal mucosa in long-nosed bandicoot (*Perameles nasuta Geoffroi*) (van Lennep) 97, 488, *P.A.S.A.N.Z.*
internal, *Innere Sekretion: ihre physiologische Grundlagen und ihre Bedeutung für die Pathologie* (Biedl) 2nd ed., parts I and II, 1913. 48, 352-3, *rev.*
Sekretion und Exkretion. 2. Wissenschaftliche Konferenz der Gesellschaft Deutscher Naturforscher und Ärzte, 1964, 1965. 100, 679, *rev.*
mucus, of cells, electron microscopy (Young & Johnson) 95, 448, *P.*
sweat, distribution and disturbances after extirpation of certain sympathetic cervical ganglia (Guttmann) 74, 537-49
- Sections**, agar gel used for mammalian ova (Samuel) 80, 224, *P.*
of brain, staining (Lockhart) 66, 149, *P.*
and vascular injection (Nichterlein) 79, 92-3
freezing for cutting, staining and mounting (Fait) 9, 249-58
frozen, of brain (Lewis) 13, 268 (*t.o.*); comment by Turner, 13, 283
nerve fibre stained by Weigert's haematoxylenecopper in (Hamilton) 21, 444-9
plan of mounting (Thomson) 22, xii, *P.*
on photographic glasses (Lockwood) 22, vi, *P.*
gross, of cadaver, new method (Haynes) 33, iv, *P.* (*t.o.*)
histological (Cooper) 63, 176, *P.* (*t.o.*)
uniplanar with rocking microtome (Handley) 37, 290-2
mounting (Fawcett) 32, 768-74
neurological (Woollard) 59, 89, *S.P. (dem.)*
paraffin, fixation to slide (Gulland) 26, 56-9
serial, of adult human body, without freezing (Fraser) 37, lxxvii-lxxviii, *P.*
of embryos, application of Spalteholz method (Wilson) 58, 101-4
orientation (Burstion & Thurley) 88, 582, *P.*
paraffin accessories for cutting (Bryce) 31, 305-6
staining, while embedded in paraffin (Smith) 34, 151-2
see also Stains and staining
ultrathin, examination in light microscope after electron microscopy (Barton) 93, 572, *P.*
see also Techniques, histological; Stains and staining; Dissection
- Segments**, of body, modification in evolution of man and other primates (Keith) 37, 18-40 (*amphibian, bird, mammal*)
bronchopulmonary, sheep (Hare) 89, 387-402
concept applied to Artiodactyla and Carnivora (Brown) 89, 561-2, *P.*
bronchovascular, *see* Bronchovascular
- Segmentation**, pro-otic, origin of vertebrates from the study of ammocoetes, part V (Gaskell) 34, 465-513; 34, xxv-ii, *P.* (November 1899)
of vertebrate head, theory of nerve components (Merritt) 39, 199-241
- Selache maxima** (basking shark) comb-like branchial appendages and teeth of (Turner) 14, 273-86
intercalated vertebrae of (Gadow) 34, xlv-xlvi, *P.* (July 1899)
- Selachia**, central nervous system of (Rohon) 13, 267 (*t.o.*); comment by Turner, 13, 287
hyomandibula (Edgeworth) 60, 173-93
pericardio-peritoneal canals, development (Goodrich) 53, 1-13
see also *Scyliorhinus canicula* and other individual names
- Selection**, *The descent of man and selection in relation to sex* (Darwin) 1871. 5, 363-70, *rev.*
Contribution to the theory of natural selection (Wallace) 1870. 5, 184-90, *rev.*; 2nd ed. 1871. 5, 363, 370, *rev.*
- Semen**, *The biochemistry of semen* (Mann) 1954. 89, 422-3, *rev.*
hormone (Bacsich, Sharman & Wyburn) 80, 227, *P.* (*expts.*)
- Semilunar bone**, *see* Lunate bone
- Semnopithecus**, *see* Presbytis
- Senility**, cytological changes in trigeminal ganglion, spinal cord and brain in mouse (Andrew) 75, 406-18
see also Gerontology
- Senescence**, *see* Gerontology

Subject Index

- Sensation**, *A new physiology of sensation* (Burridge) 1932, 67, 487, *rev.*
- Sensation**, changes, sensory, induced by compression cuff (Sinclair) 81, 388, *P.*
- contralateral reference of (Ermerins) 1, 176-8, *abs.*
- measurement of, in light and fatigue, in the eye (Delboeuf) 9, 219, *rep.*
- theory (Cleveland) 5, 102-13
- Senses**, *Human senses and perception* (Wyburn *et al.*) 1964, 99, 187, *rev.*
- special, of tribesmen (Curran) 21, 558-70
- Sensibility**, conditions for persistence on stimulation of peripheral end of divided nerve (Arloing & Tripier) 11, 544, *rep.* (*soliped, rodent, carnivore*)
- cutaneous, effects of cold upon (Horvath) 7, 344, *rep.*
- in lower limb (Paulus) 7, 180, *rep.*
- and neurohistology, of pinna (Sinclair, Weddell & Zander) 86, 402-11; 85, 424-5, *P.*
- protective and discriminative divisions (Stopford) 63, 285-90
- in relation to innervation pattern (Weddell) 75, 346-67 (*fish, rabbit, monkey, man*)
- deep anatomy (Stopford) 57, 199-202
- to odours, threshold (Berthelot) 39, 492, *abs.*
- pain (Weddell) 81, 374, *P.*
- recovery of, after section of nerves (Arloing & Tripier) 11, 545, *rep.*
- recurrent, of nerves of hand (Richet) 10, 633, *rep.*
- Sepsin**, researches on (Schmidt) 4, 323, *rep.*
- Septicaemia** (Albert & Stricker) 5, 411, *rep.* (*dog*)
- skeletal effects (Acheson) 93, 123-30 (*immature rat*)
- 'Septum accessorium'**, and development of limbus fossae ovalis (Christie) 97, 45-54
- of brain, *The septum of the cat* (Andy & Stephan) 1964, 98, 679, *rev.*
- Septum**, of heart, atrial, defect, high (sinus venosus type) (Harley) 92, 647, *P.*
- and ventricular, defects, with absent pulmonary orifice (Nau) 39, 505, *rep.*
- blood supply to (Campbell) 66, 141, *P.*
- cribriform (Ebbinghaus) 39, 505, *rep.*
- interventricular, blood supply (Campbell) 66, 141, *P.*
- defect, 1 girl aged 16, 42, 137, *rep.*
- ventricular, defective (Meyer) 48, 123
- and atrial, defects, with absent pulmonary orifice (Nau) 39, 505, *rep.*
- defect, 36, 304, *rep.*
- incomplete, 35, 503-4, *rep.*
- reptilian (O'Donoghue) 52, 467-80
- interorbital, development in chick embryos (Bellairs) 91, 568, *P.*; 89, 568, *P.*
- Lucidum**, abnormal (Green) 64, 128, *P.*
- absence, 1 subject (Basu) 69, 394-5, *anat. not.*
- cavity (Thompson) 67, 59-77
- development, defective (Rau & Sivasubrahmaniam) 66, 432-3, *anat. not.*
- morphology (Smith) part I; 30, 157-67; part II, 30, 185-205; note. 30, 450 (*rabbit, pig, dog, guinea-pig, sheep, rat, man*)
- normal and abnormal negroid (Beyers) 59, 358-78
- nasal, anatomy, surgical (Aymard) 51, 293-303
- growth, influence on growth of face (Young) 95, 285, *P.*
- pellucidum**, see **Septum lucidum**
- rectovesical, role of peritoneum in formation (Silver) 90, 538-46
- secundum**, of atria, development (Johnston) 66, 135, *P.*
- of **Born**, see **Septum secundum**, of atria
- formation (Odgers) 69, 412-22; 70, 192, *P.* (*dem. and disc.*)
- tracheo-oesophageal**, malformation, 3 cases (Keith) 41, 52-5; 43, 120, *rep.*
- transversum** and liver, of 23-somite embryo (Thompson) 42, 170-5; 43, ii, *P.* (March 1907) (*t.o.*)
- valved, in femoral vein (Gibson & Franklin) 72, 128-9
- Serotonin**, and the haemoglobin nitrite sensitivity reaction (Metcalf) 99, 197-8, *P.*
- Serum**, albumin (Heynsius) 3, 120-2
- quantitative estimation (Fuls) 11, 555-6, *rep.*
- and blood corpuscles, influence of O₂ and CO₂ on diffusion between (Nasse) 10, 640, *rep.* (*defibrinated horse blood*)
- dialysis of, through gelatinized paper (Schmidt) 10, 640-2, *rep.*
- estimation of calcium and phosphoric acid in (Pribram) 7, 190, *rep.*
- estimation of mineral content (Gerlach) 8, 196, *rep.*
- globulin (Heynsius) 4, 178, *rep.* (*cow, chicken*)
- medium for injection masses (Purvis) 25, i, *P.* (SMS) (*t.o.*)
- peptone (Subbotin) 3, 469-70, *rep.*
- properties of (Heynsius) 10, 642-3, *rep.*; 13, 238, *rep.*
- protein (Heynsius) 4, 177-8, *rep.* (*cow*)
- Sesamoid bones**, of arm (Macalister) 3, 108; (Gruber) 5, 375, *rep.*; (Gillette) 7, 167, *rep.*
- epiphyses, traction, avian and mammalian, evolution (Barnett & Lewis) 92, 673, *P.*
- of hand (Aeby) 10, 440-1, *rep.*; (Joseph) 85, 413-14, *rep.*
- morphology and function (Patterson) 80, 225, *P.*
- radiological study (Fawcett) 31, 157-61
- variations, in flexor longus hallucis (Shepherd) 15, 293, *anat. not.*
- fabella (Gruber) 9, 389, *rep.*
- origin (upper limb) (Macalister) 35, 122, *anat. not.*
- double, of hallux (Macalister) 35, xi, *P.*
- presence in gastrocnemius and in tendon of peroneus longus (Committee of Collective Investigation) 32, 182-6
- in the ligamentum nuchae (Scapinelli) 97, 417-22; 97, 139, *P.*
- and time of fusion of epiphyses of the thumb (Joseph) 85, 230-41
- supernumerary (Pye-Smith, Howse & Davies-Colley) 5, 375, *rep.*
- and supernumerary bones of the limbs (Bizarro) 55, 256-68
- supra-patella (Corner) 35, 122, *abs., anat. not.*
- Setonix brachyurus* (quokka) spinal tracts, ascending and descending (Blumer) 97, 490, *P.A.S.A.N.Z.*
- Sex**, *The development of sex in vertebrates* (Brambell) 1930, 65, 278, *rev.*
- chromatin, analyses in a mentally defective population (Breakey) 95, 618, *P.*
- persistence after death in unfixed tissues (Dixon & Torr) 90, 601, *P.*
- chromosomal, comparison of methods of determination and their clinical application (Torr & Dixon) 90, 602, *P.*
- oral smear determination (Torr & Dixon) 90, 581, *P.*
- prediction, and types of nuchal hair, (Mawe) 45, 420-5
- Sexadactyly**, see **Hexadactyly**
- Shans**, see **Burmese**
- Sharks**, cranial arteries (Hyrtl) 7, 338, *rep.*
- membrane, nictitating (Ridewood) 33, 228-42; 33, iv
- pori abdominales in (Turner) 14, 101-2
- vascular arches in (Hyrtl) 7, 338, *rep.*
- see also, *Galeus, Zygaena, Carcharias, Lamna*
- basking, see *Selache maxima*
- Greenland, see *Laemargus borealis*
- Porbeagle, see *Lamna cornubica*
- spiny, see *Echinorhinus spinosus*

Subject Index

- Sheath**, carotid, and other fascial planes (Parsons) 44, iii, *P. (t.o.)*
 notes on (Parsons) 44, 153-5
 relation to spinal accessory nerve and sternomastoid (Committee of Collective Investigation) 32, 177-83
connective tissue, *see* Sheath, epineural
of cutaneous nerves, connective tissue (Glees) 77, 153-9 (*rabbit*)
endoneurial, of peripheral myelinated nerve fibres changes during Wallerian degeneration (Thomas) 98, 175-82 (*rabbit*)
epineural, barrier to diffusion of phosphate ions (Causey & Palmer) 87, 30-6; 86, 476, *P.*
fascial, of eyeball (Lockwood) 20, 1-25
medullary, of nerves, structure (Wynn) 34, 381-97
myelin, of central nervous system (Keene & Hewer) 66, 1-13
 structure (Peters) 94, 288-9 (*tadpole*)
 and glial cells, optic nerves, rat (Peters) 98, 125-34
 and size of axon (Williams & Wendell-Smith) 92, 651, *P.*
palmar digital, synovial membrane arrangement (Whittaker) 41, 155-7
of rectus abdominis (Walmsley) 71, 404-14; 70, 200, *P. (disc. only)*
synovial, digital, of hand, development (Bowden), 100, 947, *P.A.S.A.N.Z.*
 forearm and leg, specimens injected with melted gelatine (Parsons) 44, 396-7, *anat. not.*
 tendon (Lovell & Tanner) 43, iii (July 1907) (*t.o.*)
Sheath-bill, *see* *Chionis alba*
Sheep, *Anatomy of the sheep's brain* (Brigg) 1939. 74, 411, *rev.*
The anatomy of the sheep (May) 2nd ed. 1963. 99, 185, *rev.*
The dissection and study of the sheep's brain (Wilkie) 1937. 72, 467, *rev.*
 blastocysts and chorionic vesicles (Hamilton, Boyd & Samuel) 80, 216, *P.*
 blastoderm, 7 days, with twin germinal areas (Assheton) 32, 362-72
 conceptus, development during first 14 days (Rowson & Moor) 100, 777
 development of early mesoderm (Hamilton & Boyd) 80, 224, *P.*
 foetal, body movements, incidence and crescence (Barcroft) 76, 226, *P.*
 growth, foetal (Harris) 71, 516-27
 superfoetation (Smith) 62, 101-4 (3 cases)
 vagina, development, early (Bulmer) 90, 123-34
 lower end, development (Bulmer) 86, 233-45
 some variations in the foramen ovale in the heart of (Rowland) 28, 309-12
Sheet, transversus abdominis, identification and use in herniorrhaphy (Hickey) 100, 936, *P.A.S.A.N.Z.*
Shield, embryonic, 0.55 mm. long, and early human embryo (H.R. 1) (Johnston) 75, 1-49
 sections through (Frazer) 66, 134, *P.*
Shoulder joint, *see* Joints, shoulder
Shoulder girdle, locomotor adaptation, primates (Ashton *et al.*) 99, 917, *P.*
see also Muscles, shoulder
Shoulder muscles, *see* Muscles, of shoulder and individual muscles
Shrew, *see* *Elephantulus*; *Macroscelides*; *Ptilocercus*; *Rhynchocyon*; *Sorex*; *Tupaia*
 musk, *see* *Crociodura coerulea*
Siamese twins, *see* Twins, conjoined
Siemens Elmiskop 1, tilt cartridges, calibration (Boyde & Willis) 100, 706, *P. (dem.)*
Sight, in birds (Lee) 7, 170, *rep.*; (Lee) 8, 173, *rep.*
 sense (Hering) 9, 219, *rep.*
Siluroidae (cat-fishes) production of sounds by air-bladder in and functions of Weberian ossicles in (Sorensen) 29, 109-39; 29, 205-29; 29, 399-423; 29, 518-52
Silver, various salts of, systemic effects on various animals (Rouget) 8, 217-18, *rep.*
see also Stains and staining
Simia, *see* *Alouatta*; *Pongo*; Apes, anthropoid; Monkeys
Simpus dipus, *see* *Sympus dipus*
Sinanthropus (Java man) cast (Smith) 65, 178, *P. (t.o.)*
Sinus(es), air, *see* Sinus, paranasal
aortic, functions (Collier) 22, xiii, *P.*
carotid, *The comparative morphology of the carotid body and carotid sinus* (Adams) 1958. 93, 556, *rev.*
 comparative study (Murphy & Hughes) 99, 919, *P.*
 (man, rhesus monkey, dog, cat, rabbit, guinea-pig, rat)
 complex, in hedgehog (*Erinaceus europaeus*) (Adams) 91, 207-27
 nerve terminations (Riisager & Weddell) 96, 25-38
cavernous, relationship of maxillary nerve (Henderson) 100, 905
cervical, formation and closure, sheep (Scothorne) 84, 407, *P.*
coronary, anomalous with persistent left superior vena cava (Hutton) 49, 407-13
 arrhythmia (Hering) 6, 484-5, *rep. (dog)*
 cardiac muscle relations (Coakley & Summerfield King) 93, 30-5 (*mammals, including man*)
 closed, vena cava, left superior, draining blood from (Reed) 73, 195-7, *anat. not.*
 constriction, with persistent left anterior cardinal vein (Reagan) 86, 481, *P.*
cranial, *Vererbung anatomischer Variationen der Nase, ihrer Nebenhöhlen und des Gehörorgans* (Leicher) 1928. 63, 499-500, *rev.*
paranasal, *The anatomy of the nasal cavity and its accessory sinuses* (Onodi, trans. by Thompson) 1895. 29, 471, *rev.*
 of anthropoid apes (Cave & Haines) 74, 493-523; 74, 558, *P. (disc. only)*
 apertures into nasal cavity (Collective Investigation) 28, 75
 development in pig (Charles) 80, 217, *P.*
 in gorilla face (Wood Jones) 72, 623, *P.*
frontal, absence, bilateral (Meyer) 48, 132
maxillary, abnormal condition, specimen (Macphail) 50, 11, *P. (t.o.)* (March 1915)
 anatomy and pathology (Underwood) 44, 354-69
 asymmetrical, with skull showing craniopharyngeal canal (Cave) 64, 126, *P.*
 pneumatization in man and apes (Keith) 36, xlvii-li, *P.*
 antrum, so-called, of gorilla (Wood Jones) 73, 116-19
sphenoidal, development and its homology in mammals (Gilse) 61, 153-66
 extensions into pterygoid (Lambert) 80, 229, *P.*
 structure, internal (Cope) 51, 127-36; 51, 7, *P.* (June 1916)
 supernumerary (Meyer) 48, 118
 upper respiratory tract, and guttural pouches Marco resin cast, horse (Tompsett) 98, 293-9, *P. (dem.)*
petrosal, superior, relation to sensory root of the trigeminal nerve (Coates) 68, 428, *anat. not.*
precervical, closure (Frazer) 61, 132-43; 60, 484-5, *P.*
tarsi, ligamentous structures (Smith) 92, 616-20; 22 cases (Smith) 88, 585, *P.*

Subject Index

Sinus(es), (cont.)

- urethral, development and structure in white mouse and other rodents (Hall) 70, 413-28
- urogenital, epithelium, female foetuses (Bulmer) 93, 491-8; 92, 666, P.
- of Lamprey (Ewart) 10, 488-93
- persistent, 33, 521, rep.; 38, 369, rep.
- valsalva, see Sinus(es) aortic
- venous and common atrium (Reagan) 86, 481, P.
- cranial and vertebral, radiology, monkey (Cooper & Torr) 93, 562, P.
- relationship (Torr & Cooper) 93, 583, P.
- dural, development (Butler) 91, 510-26; 87, 447, P. (mammal); 88, 546, P.
- variations (Knott) 16, 27-42
- intracranial (Trolard) 4, 301, rep.
- marking on temporal bones (Farmer) 31, i, P.
- petrosquamosal, bilateral, 1 skull (Fawcett) 38, xxv, P.
- transverse, (Sargent) 45, 69-72
- vertebral and cranial, radiology, monkey (Cooper & Torr) 93, 562, P.
- relationship (Torr & Cooper) 93, 583, P.
- Sinusoids, of long bones, juxta-epiphyseal, foetal rat (Brookes & Landon) 97, 473, P.
- bone marrow endothelium, transit (Hudson & Yoffey) 100, 423, P. (guinea-pig)
- Siphonophora, development of (Pagenstecher) 4, 161, rep.; (Haeckel) 4, 306, rep.; (Pagenstecher) 4, 307, rep.
- Siphonops, capillaries, cerebral (Craigie) 76, 56-64
- Siredon pisciformis (axolotl) ova, experiments on, 31, 455, rep.
- Siren (mud-eel) demonstration, human (Brandt) 81, 376, P. (t.o.)
- Sirenia, see *Rhytina borealis*, *Dugong*, *Manatee*
- Sirenomelia, 1 case (Manners-Smith) 30, 507-12; (Moorehead) 39, 450-61; (Odisio) 28, 370-1, rep.
- Situs inversus, see Transposition
- Sivatherium giganteum, systemic position (Murie) 6, 446, rep.
- Size, organ (thymus, spleen, adrenal cortex, kidneys), variation, caused by chronic treatment with adrenal cortical compounds (Selye) 76, 94-9 (rat)
- see also Measurements
- Skate, male, oviduct in (Matthews) 19, 144-9
- motor and sensory endings in (Purvis) 25, ii, P. (SMS) (t.o.)
- respiratory mechanism (Burne) 44, i (dem.)
- see also *Raja batis*
- Skater, speed-, physique (Mackenzie) 32, 468-76
- Skeleton, The origin of the human skeleton (Broom) 1930, 65, 277-8, rev.
- An atlas of general affections of the skeleton (Fairbank) 1951, 86, 232, rev.
- The anatomy of the human skeleton (Frazer) 3rd ed. 1933, 68, 123, rev.; 4th ed. 1940, 74, 412, rev.
- Atlas de radiographie du système osseux normal (Haret Dariaux & Quenu) 1927, 62, 520, rev.
- Mammalian anatomy, part I. The skeleton of the cat compared with the skeleton of man (Jayne) 1898, 32, 798-9, rev.
- Anatomia dello Scheletro umano fetale (Jonata) 1938, 73, 502, rev.
- Cours élémentaire de dessin d'anatomie du squelette (Moreaux) 1934, 69, 127, rev.
- Die normale Entwicklung des Knochensystems in Röntgenbild (Rückensteiner) 1931, 66, 129, rev.
- Atlas of skeletal maturation, 1926-36 (Todd) 1937, 640-1, rev.

- The genesis of the rat skeleton. A laboratory atlas (Walker & Wirtschaefer) 1957, 91, 413, rev.
- The genesis of the mouse skeleton: a laboratory atlas (Wirtschaefer) 1960, 95, 279, rev.
- acromegalic (Thomson) 24, 475-92
- age, race and sex, known, examination (Lander) 52, 282-91
- appendicular, and axial, of *Centetes* (Mivart) 1, 298-301; *Erinaceus* (Mivart) 1, 282-6; *Gymnura* (Mivart) 1, 308-10; *Macroselides* (Mivart) 1, 295-8; *Rhynchocyon* (Mivart) 1, 306-8; *Scalops* (Mivart) 1, 311; *Sorex* (Mivart) 1, 289-92; *Talpa* (Mivart) 1, 286-9; *Tupaia* (Mivart) 1, 292-5
- of primates (Mivart) 2, 403, rep.; *Simia* (Mivart) 2, 403, rep.
- Australian native (Broad) 37, 89-96
- axial, of *Struthio camelus* (Mivart) 9, 405, rep.; *Urodela* (Mivart) 5, 386, rep.
- of *Balaenoptera musculus* (van Beneden) 6, 445, rep.; (Dwight) 7, 172, rep.
- of buccal cavity of amphibia (Hertwig) 9, 397, rep.
- cartilaginous, origin, in vertebrates (Gaskell) 32, xlv-vi, P.
- of *Casuaris australis* (Flower) 6, 447, rep.
- centenarian (Brooks, for Cunningham) 23, xiii, P.
- of cetacea (Malm) 6, 445, rep.
- changes, inheritance of (Lane) 22, 215-24
- occupational pressure in (Lane) 21, 385-406
- in shoemaker (Lane) 22, 593-628 (1 case)
- from a short cist (Waterston) 61, 480, P.
- costal, congenital absence of portion (Jones & Benians) 44, ii, P. (t.o.)
- cranio-facial, origin of vertebrate, from study of ammocoetes, part II (Gaskell) 32, 553-81
- of *Cyclostomata* (Gegenbaur) 4, 163, rep.
- of *Delphinus sinensis* (Flower) 5, 382, rep.
- development, X-ray demonstration, foetal monkey (*Macaca mulatta*) (Asling et al.) 97, 477-8, P.
- dingo, 3,000 years old, from D. J. Mulvaney's archeological excavations at Fromm's Landing, Lower Murray River (Macintosh) 98, 491, P.A.S.A.N.Z.
- disorders, inherited, *The pathology of development. A study of inherited skeletal disorders in animals* (Grüneberg) 1963, 98, 461-2, rev.
- of *Dromus ardeola* (crab-plover) 2, 402-3, rep.
- dye deposition in, following intra-vital alizarinization, rat (Tonge) 95, 606-7, P.
- from El Amrah (Watson) 36, 421-2, A.U.A.A.S.
- of a eunuch (Becker) 33, 500 (ref. only)
- development (Cave) 72, 318-19, P.
- Sudanese (Derry) 59, 55, S.P.
- facial, middle and dentition, upper, *Proconsul major* (Allbrook) 100, 946, P.A.S.A.N.Z.
- of fishes, demonstration of (Thompson) 23, xxv, P.
- foetal whale, *Pseudorca crassidens* (West) 70, 199, P. (t.o.)
- of *Fregilupus varius* (Murie) 9, 405, rep.
- growth (Langer) 7, 168, rep.
- hyo-branchial in spotted salamander (*Salamandra maculosa* (Laur.)) 1 specimen (Francis) 65, 388-91
- larval of *Cryptobranchius*, *Menopoma* and *Ellipsoglossa* (Edgeworth) 57, 97-105
- of Irish giant (Cunningham) 25, ix-x, P.
- Khnum Nekht and Nekht Ankh of the XII Dynasty (Cameron) 43, ii, P. (June 1908) (t.o.)
- mechanism (Meyer) 3, 449, rep.
- of *Mesopodion bidens* (Sowerby's whale) (Turner) 20, 144-88

Subject Index

Skeleton, (cont.)

- morphogenesis, and hypophysectomy, rats (Asling) 88, 548, P.
 new theory (and skull) (Seeley) 1, 185, *abs.*
 of Platynecmic man (Busk) 6, 435, *rep.*
 prehistoric, found in Littledale Yorkshire (Hill) 41, 221-30; 41, vii (November 1906)
 radiology, characteristics of midguts (Brailsford) 69, 152, P. (t.o.)
 remains at Hinkelstein and Obergeringheim (Ecker) 3, 196, *rep.*
 of *Sphargis* (Gray) 7, 337, *rep.*
 variations (Lane) 20, 388-404
 causation, and congenital abnormalities (Lane) 21, 586-610
 fish, 44, 96, *rep.*
 multiple (Harris) 57, 76-95
 racial (Turner) 21, 472-95
 thoracic, congenital malformations of (Benians & Jones) 44, 67-72
 vertebrates, origin of (Seely) 6, 435, *rep.*
see also Fossils; Ossification; Remains
- Skiagrams**, demonstrating relative depth of parts (Eccles & Finzi) 50, 13-14, P. (March 1915)
 of ossification centres, pollex and hallux, 10-month-old girl (Atkinson) 59, 1-3, S.P.
 showing ossification and arterial anastomosis (Haughton) 32, xxiv, P.
- Röntgenology* (Köhler) 1928, 63, 500, *rev.*
Skiagraphic atlas (Poland) 1898, 33, 686, *rev.*
- Skin**, *The inherited abnormalities of the skin and its appendages* (Cockayne) 1933, 67, 624-5, *rev.*
Handbuch der mikroskopischen Anatomie des Menschen, Band III, Teil 3, *Die Haut, Die Milchdrüse* (Horstman & Dabelow) 1957, 92, 490, *rev.*
Advances in the biology of the skin (Montagna) volume I. *Cutaneous innervation*, 1960, 95, 443, *rev.*; volume II. *Blood vessels and circulation* (Montagna & Ellis, editors) 1961, 96, 410, *rev.*; vol. III. (ed. by Montagna *et al.*) 1962, 98, 140, *rev.*; vol. IV, *The sebaceous glands* (Montagna *et al.*) 1963, 99, 182, *rev.*
- absorption by (Wolkenstein) 10, 218, *rep.* (*frog*, *cat*, *mouse*, *rabbit*)
 and respiration in, (Röhrig) 7, 188, *rep.* (*rabbit*)
 absorption through (Stirling) 11, 529-32 (*frog*)
 of potassium iodide (Bremand) 7, 199, *rep.*
 adaptation in common seal (*Phoca vitulina*) (Montagna & Harrison) 90, 597, P.
 anastomoses, arterio-venous in, distribution, sheep (Molyneux) 98, 483, P.A.S.A.N.Z.
 appendages, variation, regional, of the frequency distribution, development, man (Szabo) 91, 608, P.
see also Hair, follicles; Ducts, sweat
 arteries *see* Arteries, cutaneous
 cancer, *Krebs im Lichte Biologischer und vergleichend Anatomischer Forschung I. Band. Ektodermkrebs* (Lartschneider) 1934, 68, 577, *rev.*
 capillary circulation in (Bloch) 8, 400, *rep.*
 CO₂ excretion by (Aubert) 8, 188, *rep.*
 conduction of heat by (Klug) 9, 220, *rep.*
 creases, on palm of hand and sole of foot, man and anthropoid apes (Hepburn) 27, 112-30
 effects on kidneys of application of irritants to (Wolkenstein) 11, 565-6, *rep.* (*rabbit*)
 effects of x-rays on, of frog tadpole (Colwell, Thomson & Wakeley) 58, 21-36
 electron microscopy (Causey) 94, 572, P.
 electromotor phenomena in (Engelmann) 6, 245, *rep.* (*frog*)
 of elephant, histology (Smith) 24, 493-503

- embryo, seasonal variations in (Dönhoff) 10, 218, *rep.*
 of *Erinaceus europus* (Carlier) 27, 169-178
 esterase activity in mammals (Montagna & Formisano) 89, 425-9
 excretion of CO₂ by (Aubert) 7, 357, *rep.*
 foetal, electron microscopy at 14 weeks (Breathnach & Wyllie) 99, 214, P. (*dem.*)
 negro, and scalp (Thomson) 25, 282-5; 25, iii, P. (t.o.)
 of foot and hand, mammals (Kidd) 40, xvii, P. (t.o.)
 freckled, *see* Freckles
 of frog, *Untersuchungen zur normalen und pathologischen Anatomia der Froschhaut* (Eberth) 1869, 4, 148-9, *rev.*
 glands, contractile (Engelmann) 5, 406, *rep.* (*frog*)
 grafts, lymphatic drainage (Scothorne) 91, 608-9, P.
 hairy and non-hairy parts, histology and histochemistry (Singh) 94, 572-3, P.
 cutaneous sense organ in, cat (Iggo & Muir) 97, 151, P.
 of hand and foot, mammals (Kidd) 40, xvii, P. (t.o.)
 healing of extensive wounds, by contracture and intussusceptive growth, mammals (Billingham & Medawar) 89, 114-23
 histology (Stirling) 10, 465-74 (*dog*)
 preparation (Stirling) 10, 185-6
 homografts, behaviour and fate, rabbits (Medawar) 78, 176-99
 fate, man (Gibson & Medawar) 77, 299-310
 of horse, histology (Smith) 22, 142-53
 immobile, healing (Joseph & Townsend) 94, 454, P. (*rabbit*)
 impregnated with gold chloride, electron microscopy (Breathnach & Wyllie) 98, 289, P.
 influence of activity on secretion of urine (Müller) 8, 421, *rep.*
 injuries, various, effect (Bloch) 8, 402, *rep.*
 innervation (Weddell, Harpman & Young) 73, 673, P. (*dem.*)
 hair, follicles and orifices from which the hairs emerge in the rabbit ear (Weddell & Pallie) 89, 175-88
 monamine oxidase and cholinesterase distribution, cattle (Jenkinson *et al.*) 100, 593-613
 nerves, sensory, spinal, patterned arrangement to rabbit ear (Weddell, Taylor & Williams) 89, 317-42
 origin, course and number of sensory nerves to ear, rabbit (Weddell, Pallie & Palmer) 89, 162-74
 pattern, in relation to cutaneous sensibility (Weddell) 75, 346-67 (*fish*, *rabbit*, *monkey*, *man*)
 transmedian (Fitzgerald) 97, 150, P. (*pig*)
 islands, intussusceptive growth within wounds (James) 93, 101-9 (*rabbit*)
 of larva of *Salamandra maculosa* (Langerhans) 8, 177, *rep.*
 lesions, congenital and hereditary 43, 124, *rep.*
 of lizards (Hulke) 3, 417-19
 lymphatics, watershed areas (Forbes) 72, 399-410
 vessels (Neumann) 9, 206, *rep.*
 microphotography (Sarkany & Caron) 99, 359-64
 nasal, septal, innervation, overlap, pig (Fitzgerald) 97, 313-22
 negro, specimens (Musgrove) 34, xxxiii, P.
 nerve-endings in (Eberth) 4, 305, *rep.*
 Nerve endings in normal and pathologic skin (Winkelmann) 1960, 95, 443-4, *rev.*
 neurohistology, leprosy as an aid to (Weddell, Palmer & Schofield) 90, 599, P.
 non-hairy and hairy parts, histology and histochemistry (Singh) 94, 572-3, P.
 normal and abnormal microcirculation studies, (Holti) 97, 633, P.

Subject Index

Skin, (cont.)

- of ophidians (Leydig) 8, 177, *rep.*
- pain, reference (Sinclair) 84, 64, *P.*
- physiology (Röhrig) 11, 567-8, *rep.*
- pigmentation (Kirk) 84, 75, *P.*
- cells (Hering & Hoyer) 4, 190-1, *rep.* (*frog*)
- dendritic in (Billingham) 83, 109-15
- of *Rhytina borealis* (Brandt) 6, 446, *rep.*
- sensation, of leg (Riecker) 8, 402, *rep.*
- see also* Dermis; Epidermis; Spots, sensory
- sexual, chimpanzee, menstrual cycle of Primates (Zuckerman & Fulton) 69, 38-46
- sexual, marmoset (*Hapale jacchus?*) (Russell & Zuckerman) 69, 356-62
- stimulation, effects of mechanical, chemical and electrical, on animal organism (Feinberg) 11, 566, *rep.*
- summation of electrical stimuli when applied to (Stirling) 10, 324-76
- tail, pigment cells, *Lacerta vivipara*, electron microcopy, (Breathnach & Poyntz) 100, 549-69
- tattooed (Turner) 27, ii, *P.*
- varnishing, cause of death after (Laschkewitsch) 3, 216-17, *rep.* (*animal*); (Lang) 7, 189, *rep.* (*animal*)
- Skull, The development of the vertebrate skull** (de Beer) 1937. 72, 639-40, *rev.*
- (measurable variables), *Meetbare Variabelen van den menschelijken Schedel en hun onderlinge Correlaties in Verband met Leef tijd en Geslacht* (de Froe) 1938. 73, 199, *rev.*
- Die Entwicklung und Morphologie des Chondrokraniums von Myotis Kaup* (Frick) 1954. 89, 132, *rev.*
- Normale Anatomie des Kopfes im Röntgenbild* (Goldhamer) part I & II, 1931. 66, 130, *rev.*
- Morphology of the skull* (Parker & Bettany) 1877. 12, 364-6 (*rev.*)
- Projections, deepenings and undulations of the surface of the skull in relation to the attachment of muscles* (van der Klaauw) 1963. 98, 459, *rev.*
- age changes, method of tracing (Harris) 66, 142, *P.*; (Keith) 44, 251-70
- aborigine, Australian (Cooper) 26, xxiii-xxiv, *P.*
- bipartite parietal bone (Berry) 44, 73-82
- and *Hylobates mulleri*, post-orbital wall irregularity (Duckworth) 36, 260-2
- primitive, modern (Burkitt & Hunter) 59, 21, *S.P.*
- suture, fronto-palatine, 6/156 specimens (Russell) 74, 129-30, *anat. not.*
- achondroplasia, Mediaeval (West) 72, 621-2, *P.*; 72, 626, *P.* (*dem.*)
- of an acrobat (Reid) 24, iv, *P.*
- African (Shrubsall) 33, 356 (*ref. only*)
- American, form (Huxley) 2, 253-71
- anatomy, topographical (Scott) 39, xxxvi, *P.*
- anthropoid, age changes in, and new craniometer (Keith) 44, 251-70
- Arctocephalus*, an apparently new species (Turner) 3, 113-17
- of *Arctocephalus fosteri* (Hector) 6, 446, *rep.*
- asymmetry (Lane) 20, 388-404, (Curnow) 23, i, *P.*
- and brain, (Elliot Smith) 41, 236
- Australian, (Jones) 63, 350-5
- contrasting types (Wood Jones) 68, 323-30
- molars, upper, supernumerary (Turner) 34, 273-4
- morphological characters (Krogman) 66, 399-413
- Neanderthaloid, description, with remarks on facial characteristics in general (Burkitt & Hunter) 57, 31-54
- base, anatomy (Gruber) 4, 300, *rep.*
- development, (Robinson) 37, lxxiv-lxxvii, *P.* (*sheep, pig, rat, mice, ferret, man*)

- growth (Ford) 91, 583, *P.*
- cranial (Latham) 100, 435, *P.*
- osteology, and cetacean ear (Fraser) 92, 657, *P.*
- birds, development (de Beer) 68, 127-8, *P.*
- bones, *see* Cranial bones
- and brain, topography (Symington) 43, ii, *P.* (July 1907) (*t.o.*)
- capacity, estimation from radiological diameters (MacKinnon) 88, 575, *P.*
- of *Centes* (Mivart) 1, 298-301
- from Ceylon (Comer) 32, 754-64
- characters, racial non-metrical (Wood Jones) part I, 65, 179-95; part II, Hawaiian skulls, 65, 368-78; part III, Prehistoric inhabitants of Guam, 65, 438-45; part IV, Northern Chinese skull, 68, 96-108
- of *Cheirogaleus* (Mivart) 9, 404, *rep.*
- Chinese, northern, non-metrical characters as criteria for racial diagnosis (Wood Jones) 68, 96-108
- of *Condylura* (Mivart) 1, 310-11
- Cretan and Greek (Duckworth) 76, 223, *P.*
- Cyclostomata*, homologies (Allis) 58, 256-65
- damage, effects on development of sutural patterns, rat (Girgis & Pritchard) 92, 39-51
- edentulous condition, in *Halioerus gryphus* (grey seal) (Turner) 7, 273-4
- Egyptian, absence of coronary suture (Barclay-Smith) 32, xxvi, *P.*
- groove, interparietal, (Shore) 73, 1-14
- Ehringsdorf and *Homo soloensis*, endocranial casts (Kappers) 71, 61-76
- Elsass (Blind) 33, 356, (*ref. only*)
- English, and evolution of head-shape (Parsons) 63, 159, *P.*
- of *Erinaceus* (Mivart) 1, 282-6
- flattening, with parietal bone perforation, female subject (Derry) 48, 417-29
- Florisbad, sequence in South African fossils (Keith) 72, 620, *P.*; 72, 626, *P.* (*dem.*)
- foetal, encephalocoele, possible case (Duckworth) 47, 343-9
- growth (Ford) 90, 63-72
- rates (Ford) 90, 562-3, *P.*
- form, in relation to direction of cerebral convolutions (Meyer) 11, 542, *rep.*
- formation, normal, and craniocleido dysostosis (Reid) 66, 64-5
- fowl, common (Parker) 3, 458, *rep.*; 5, 192, *rep.*
- of common frog, structure and development (Parker) 5, 386, *rep.*
- Fuegian, form (Huxley) 2, 253-71
- Gibbon, anomalous, 8 specimens (Hopwood) 67, 475-9
- gorilla, post-frontal and orbital elements (Ashley-Montagu) 65, 446-56
- Greek and Cretan (Duckworth) 76, 223, *P.*
- grooving, exaggerated of temporal region (Stibbe) 63, 278-9, *anat. not.*; 63, 162, *P.* (*t.o.*)
- growth, alizarin and autoradiographic techniques (Dixon & Hoyte) 93, 589, *P.*
- foetal (Ford) 90, 63-72; 90, 562-3, *P.*
- Macaca mulatta* (Rhesus monkey) (Latham) 92, 654, *P.*
- Guam, non-metrical morphological characters, of prehistoric inhabitants of, racial diagnosis, part III (Wood Jones) 65, 438-45
- of *Gymnura* (Mivart) 1, 308-10
- Hawaiian (Allen) 33, 356 (*ref. only*)
- non-metrical morphological characters for racial diagnosis, part II (Wood Jones) 65, 368-78
- and head, measurements, 160 subjects (Duckworth) 51, 167-79

Subject Index

Skull, (cont.)

hinder end, of *Hippopotamus minutus* (Pearson) 63, 237-41
Homo soloensis and Ehringsdorf, endocranial casts (Kappers) 71, 61-76
 of Huron race (Wilson) 6, 444, *rep.*
 of *Hylobates mulleri*, irregularity of post-orbital wall (Duckworth) 36, 260-2
 of *Hylomys* (Mivart) 1, 301-2
 of idiot (Gaddi) 3, 195, *rep.*
 imbecilic, female, 17 years (Dickson) 67, 182-6, *anat. not.*
 of Indians, North-American (Apaches) (Shufeldt) 21, 525-35
 of *Indris Diadema* (Mivart) 2, 404, *rep.*
 Java, casts, photographs (Young) 72, 176, *P. (dem.)*
 fossil, (Le Gros Clark) 72, 159-60, *P.*
 Jutish, observations (Parsons) 64, 120-1, *P.*
 juvenile, with duplication of the optic canals and subdivision of superior orbital fissure (Warwick) 85, 289-91, *anat. not.*
 Kikuyu, description (Duckworth) 46, 71-80
 Lemuroid, fossil, East Africa (Le Gros Clark) 88, 568, *P.*
 of *Lepilemur* (Mivart) 9, 404, *rep.*
Lygosoma, late embryo (Pearson) 56, 20-43; 59, 15, *S.P.*
 maceration, shrinkage of before and after (Todd) 60, 309-28; 57, 336-56
 macrocephalic (9 hydrocephalic) and microcephalic (19 idiots) (Humphry) 29, 304-28
 of *Macroscelides* (Mivart) 1, 295-8
 Maori and Moriori, parietal foramina, incidence (Stallworthy) 67, 168-74
 marks of spade and battle-axe (Parsons) 43, iii, *P.* (July 1907) (*t.o.*)
 of marten (Clark) 9, 405, *rep.*
 measurements, bregma as a central point for (Evatt) 74, 139, *P. (t.o.)*
 of *Menobranhus lateralis* (Huxley) 9, 406, *rep.*
Merycopotamus, hinder end, (Pearson) 63, 237-41
 metopic, *see* Metopism
 microcephalic, *see* Microcephaly
 of *Monodon monoceros*, (narwhal) bidental, (Clark) 6, 445; (Turner) 8, 133-4
 morphological elements of (Parker) 8, 62-73 (comp.) from Nagyr, (Duckworth) in *J. Anthropol. Inst.*, Nov. 1893. 29, 142, 144, *rev.*
 Navajo (Shufeldt) 20, 426-9; note on (Turner) 20, 430-1
 child (Shufeldt) 21, 66-71
 negro, North-West African *Shädel nordafrikanischer Völker* (Ecker) 1866. 1, 352, *rev.*
 neolithic, (Hopwood) 60, 480, *P.*
 from New Guinea (Cunningham) 29, xviii, *P.*
 abnormal, with remarks on structure of mandible (Burkitt & Gullberg) 59, 95-6, *S.P.*; 59, 41-55
 decorated, sculptured (Turner) 32, 353-61
 from Purari Plateau (Wood Jones) 70, 405-9
 from New Ireland and New Britain, islands near New Guinea (Turner) 14, 475-94
 new theory (and skeleton) (Seeley) 1, 185, *abs.*
 Norfolk, dredged from North Sea, description (Duckworth) 45, 232-8
 Norwegian (Arbo) 33, 356 (*ref. only*)
 ossicles, supernumerary, in lion, 40, 298, *rep.*
Ornithorhynchus (platypus), development, early (de Beer & Fell) 71, 142-3, *P.*
 later development and adult features (Kesteven & Furst) 63, 447-72
 orthogonal projections, apparatus for tracing (Matthews) 21, 43-5

ossification (Sutton) 22, xiii, *P.*
 of *Otaria* (sea lion) (McBain) 3, 109-12
 Patagonian, form (Huxley) 2, 253-71
 of *Phoca baiacalensis* (sea) (Dybowski) 8, 176, *rep.*
 of *Phoca hispida* (seal) (Flower) 6, 446, *rep.*
 of pigs, taxonomic value (Gray) 8, 176, *rep.*
 Piltdown, anatomical features, and observation on recently discovered Swanscombe skull (Keith) Part I, 73, 155-85; Part II, 73, 234-54
 problems raised, and Swanscombe skull (Keith) 72, 619-20, *P.*
 reconstruction (Smith & Hunter) 59, 38-40, *S.P.*
 of *Plesianthropus*, casts, demonstration (Le Gros Clark) 76, 229, *P.*
 of *Polypterus* (Traquair) 5, 166-83
 position, size & shape of cerebrum in relation to distortion of (Ecker) 13, 266 (*t.o.*); comment by Turner, 13, 271
 prechordal portion, homologies, in *Holocephali* (Allis) 60, 335-40
 premaxilla, absence 2 specimens (Derry) 72, 295-8
Ptilocercus (Mivart) 1, 303-6
 rabbit and hare, distinction between (Rolleston) 13, 115
 racial characteristics (Bradley) 8, 386, *rep.*
 relations to cerebral convolutions and trephining (Pozzi) 13, 267 (*t.o.*); comment by Turner, 13, 271
 relation to brain, (Ecker) 13, 266 (*t.o.*); comment by Turner, 13, 271
 of rhinoceroses (Gray) 8, 176, *rep.*
 of *Rhynchocyon* (Mivart) 1, 306-8
 Risso's Dolphin (*Grampus griseus*) (Flower) 7, 173, *rep.*
 of salmon, structure and development (Parker) 7, 174, *rep.*
Scalops (Mivart) 1, 311
Scapanus (Mivart) 1, 311-12
 scaphocephalic, 2 subjects, brain and pelves (Smith) 34, xlv, *P.* July 1899 (*t.o.*)
 Scottish, West, (Bryce) 50, 243-54
 senile atrophy and hypertrophy (Humphry) 24, 598
 sexual differences (Parsons & Keene) 54, 58-65
 shape, representation by contour drawing (Bunn & Turner) 90, 298-303; 90, 562, *P.*
 and size measurement (Bunn & Turner) 94, 82-7
 shrinkage, measurements (Todd) 59, 180-7
Sinanthropus, Peking man, significance (Elliot Smith) 66, 140, *P.*
 soft parts, reconstruction (Kollmann) 33, 500, *anat. not.*
Sorex (Mivart) 1, 289-92
 of *Sternotherus* (Gray) 9, 406, *rep.*
 Sulu Islander, craniometry of (Cleveland) 11, 664-73
 Swanscombe, problems raised, and Piltdown skull (Keith) 72, 619-20, *P.*
 cast, endocranial (Le Gros Clark) 72, 472, *P.*
 casts, photographs, (Young) 72, 176, *P. (dem.)*
 fragments (Le Gros Clark) 72, 159-60, *P.*
 recently discovered, observations, and resurvey of anatomical features of Piltdown skull (Keith) Part I, 73, 155-85; Part II, 73, 234-54
 Swedenborg (Rutherford) 48, 86-8
 of *Talpa*, (Mivart) 1, 286-9
 Tasmanian (Wood Jones) 63, 224-32
 characters, morphological, non-metrical (Wunderly & Wood Jones) 67, 583-95
 thyroid deficiency, effects on, rat (Norm & Ford) 95, 131-7
 tit and sparrow-hawk development, (Parker) 7, 337, *rep.*

Subject Index

Skull, (cont.)
topography, adult human (Scott) 40, 171-85
from Torres Straits (Island of Mer) (Cunningham) 29, xviii, P.
of *Tupaia* (Mivart) 1, 292-5
various, demonstration of (Macalister) 22, xii, P.
variations (Cleland) 4, 151, rep.; 5, 192, rep.
abnormal, from New Guinea, and remarks on structure of the mandible (Gullberg & Burkitt) 59, 41-55; 59, 95-6, S.P.
deformities, 44, 98, rep.
artificial (Broca) 7, 167-8, rep.
vault, cartilage in repair of (Girgis & Pritchard) 90, 573, P.
vertebrate, *Untersuchungen zur vergleichenden Anatomie der Wirbeltiere*, (Gegenbaur) 3rd part, *Vertebrate skulls*, 1872. 7, 166, rev.
Yorkshire, East, (16) from round barrows (Wright) 38, 119-32; 39, 417-49; 40, iii, P. (t.o.)
Ziphius cavirostris (Turner) 7, 173, rep.; (Flower) 7, 173, rep.
see also Craniometry; Cranium: Headform; Topography
Skull-cap, Sudbury, description (Duckworth) 46, 328-49
Skunk, see, *Mephitis mephitis*
Sleep, cause (Obersteiner) 7, 176, rep.; (Cappie) 7, 339, rep.
The causation of sleep, (Cappie) 1872. 7, 321, rev.
production, and salts of lactic acid (Preyer) 10, 623, rep.
Slings, of Minorca, humeri of (Cameron) 68, 132, P. (disc. only)
Slitlamp, Gullstrand, study of the living eye (Mann) 59, 155-65
Sloth, placenta (Joly) 14, 147-8, anat. not.
placentation (Turner) 7, 302-3; 8, 362-76
see also *Bradypodidae*; *Bradypus*; *Choloepus*, *Dasyurus*
tree, two-toed (Nau) see *Choloepus didactylus*
three-toed (Ai) see *Bradypus tridactylus*
Smears, for histological studies of blood, bone-marrow, etc. (Stirling) 24, 160-6
oral, sex, chromosomal, determination (Torr & Dixon) 90, 581-2, P.
vaginal, in cycle, reproductive, value of technique in following (Lloyd-Jacob & Scott) 89, 565-6, P. (cat)
Smith, Sir Grafton Elliot, A biographical sketch of his earlier career, 71, 3-6
Bibliography, 71, 544-8
Smooth muscle, see Muscles, Unstriated
Snail, structure of heart (Darwin) 10, 506-10
Snake(s), axial bifurcation in, 37, 303, rep.
double-headed, see *Coluber (Zamensis) florulentus*
cleft palate in (Bellairs & Boyd) 85, 427, P.
glass, see *Pseudopus pallasi*
grass, see *Natrix natrix*
homalopsine, visual-cell pattern (Underwood) 100, 571-75
limbs (Bellairs) 85, 410-11, P.
physiology of heart (Mills) 22, 1-8 (*Tropinodatus*)
structure and development of teeth (Leydig) 7, 338, rep.
Snoring, palate and tongue in (Whillis) 81, 371, P.
Snout, innervation, transmedian cutaneous, pig (Fitzgerald) 97, 313-22
latero-sensory lines and cranial bones in *Stegocephali* compared with those in fishes (Allis) 70, 293-316
mole (Eimer) 6, 443, rep.
of *Varanus*, and of other lizards and snakes (Bellairs) 83, 116-46; 83, 84, P.

Sodium bicarbonate, dissociation of 100° (Urbain) 11, 556, rep.
influence on dogs (Lomikowsky) 9, 237, rep.
physiological effects of (Rabuteau & Constant) 5, 207-8, rep.
Sodium bromide, effect in man and animals (Laborde) 2, 182-3, rep.
chloride and iodide, local action of on afferent nerves of frog's leg (Ringer & Morshead) 12, 58-72
action of subcutaneous injection of, on frog (Ringer & Morshead) 12, 73-84
effect on reflex activity (Meihwizeen) 8, 229, rep.
as a substitute for potassium bromide (Decaisne) 5, 201, rep.
Sodium chloride (Falck) 7, 350, rep.
and coagulation of milk by rennet, digestion of albumin by peptone, and coagulation of fibrin (Schmidt) 11, 554-5, rep.
relation to potassium salts in man (Bunge) 8, 205, rep.
toxic effects of intravenous injections (Falck) 8, 219-20, rep. (dog)
Sodium glycocholate, in relation to excretion of urea in case of biliary fistula (Edington) 30, 215-37
Sodium meta-ortho-, and pyro-phosphates, poisonous activity of (Gamgee, Priestley & Larmuth) 11, 255-72 (frog, rabbit)
pyro- and orthovanadate, poisonous effects of (Larmuth) 11, 251-4 (rat, frog)
Sodium nitrate, effects of intravenous and intra-arterial injection (Blake) 7, 201-9 (dog)
Sodium phosphate, excretion after injection into blood (Falck) 6, 467, rep.
Sodium pyrophosphate, action on circulation (Gamgee, Priestley & Larmuth) 11, 273-84 (rabbit, frog)
Sodium, radioactive, clearance from mammalian nerve trunk (Blunt & Stratton) 88, 571, P.
Sodium salicylate, and salicylic acid, action on tissue breakdown (Wolfsohn) 11, 567, rep. (dog)
Sodium selenite, toxic effects (Rabuteau) 4, 165, rep. (dog)
Sodium silicate, physiological action (Rabuteau & Papillon) 7, 359, rep.
Sodium sulphate, action (Jolyet, Cahours) 3, 473, rep.
Sodium sulphindigotate, relation to tissues of living body (Gerlach) 10, 657, rep. (frog)
Sodium taurocholate, in relation to excretion of urea in case of biliary fistula (Edington) 30, 215-37
Sodium tellurite, toxic effects (Rabuteau) 4, 165, rep. (dog)
Sodium trichloracetate, and chloral hydrate, compared physiological actions (Byasson & Follet) 6, 493-4, rep.
Sodium, transport, and cholinesterase, supra-orbital gland, duck (Fourman) 100, 693, P.
Solenodon, dentition (Mivart) 2, 123-5
skeleton, appendicular and axial, (Mivart) 2, 123-5
skull (Mivart) 2, 123-5
Somites, 22, embryo, human, wax model (Girgis) 60, 472, P.
23 paired, human embryo (Thompson) 41, 159-71
25, human embryo (West) 71, 169-200; 70, 199, P. (t.o.)
Sommer's movements (rigor mortis) (Storoscheff) 10, 651, rep.
Sorex (shrew), skeleton, appendicular and axial (Mivart) 289-92
skull (Mivart) 1, 289-92
Sorex minutus L. (lesser shrew), intersexual, anatomy and histology (Brambell & Hall) 70, 339-48
Soricidae (shrews) mandibular dentition (Dobson) 20, 359-60, anat. not.
Sotalia brasiliensis (dolphin) description of (van Beneden) 9, 404, rep.

Subject Index

- Sounds, cardiac** *see* Heart, sounds
 low intensity (Urbantschitsch) 10, 634, *rep.*
 perception (Urbantschitsch) 6, 474, *rep.*
 sensibility (Müller) 8, 187, *rep.*
 subjective (Samuelsohn) 4, 326, *rep.*
- South Africa**, *The mammal-like reptiles of South Africa and the origin of mammals* (Broom) 1932. 66, 669-71, *rev.*
 native races, spinous processes of cervical vertebrae (Shore) 65, 482-505
- Sow**, placenta, relations, endometrial and vascular (Amoroso) 83, 59, *P.*
- Space(s)**, cerebrospinal fluid, *see* Spaces, subarachnoid
 intercellular, 200 Å in epithelia, (Smart) 97, 302-3, *P.*
 intercostal, man and other mammals (Siddiqi & Mullick) 69, 350-5
 lymphatic, of chick amnion-allantois (Creighton) 33, 527-45
 perineuronal and subarachnoid relation to spaces, perivascular of central nervous system, rat (Woollam & Millen) 89, 193-200
 perirenal, radiological demonstration (Grossman) 88, 407-9
 perivascular, of central nervous system, relation to spaces, perineuronal and subarachnoid, rat (Woollam & Millen) 89, 193-200
 popliteal, veins, variation (Davidson) 25, 154 (1 case)
 post-nasal, 'epipharynx' (nomen novum) (Cave) 95, 281-2, *P.*
 premastoid, surgical anatomy (Asherson) 65, 170, *P.*
 subarachnoid, cranial, passage of indian ink particles from (Brierley, Field & Yoffey) 83, 77, *P.* (*rabbit*)
 development, and of choroid plexus, chick (Cohen & Davies) 72, 23-53
 and lymphatic system, connexions between, rabbit (Brierley & Field) 81, 383, *P.*
 functional connexions in retro-orbital tissue (Brierley & Field) 83, 77-8, *P.* (*rabbit*)
 passage of a colloid from (Howarth & Cooper) 88, 570, *P.*
 relative to cerebral ventricles (Key & Retzius) 9, 198-201, *rep.*
 and perineuronal, relation to perivascular spaces of central nervous system, rat (Woollam & Millen) 89, 193-200
 spinal, connexion with lymphatic system (Brierley & Field) 82, 153-66 (*rabbit*)
 spinal, removal of substances from, isotopes in cats (Howarth) 84, 80, *P.*
 thorium dioxide injections into, sheep (Jayatilaka) 99, 193-4, *P.*
 vascular peribranchial, in lamprey (Ewart) 12, 232-6
- Spalteholz method**, applied to the study of serial sections of embryos (Wilson) 58, 101-4; 59, 64, (*S.P.*) (*t.o.*)
- Sparrow**, embryo, ectodermal placodes in head region (Goldby) 62, 135-8; 59, 104-5, *S.P.*
see also *Passer domesticus*, *L.*
- Sparrow-hawk**, development of skull (Parker) 7, 337, *rep.*
- Spasm-centre**, (Krampf-centrum) *see* Centre, convulsive
- Species**, *Animal species and their evolution* (Cain) 1954. 88, 543, *rev.*
On the genesis of species (Mivart) 1871. 5, 563, 370-2, *rev.*
- Specimens**, dry, paraffin-naphthalene impregnation (Blair, Davies & McClelland) 66, 486-7
 preparation (Keith) 50, 17-18. *P.* (June 1915)
 techniques of preparation and preservation (Struthers) 22, ix-xi, *P.*
- Spectacles and visual acuity** (Donders) 8, 400, *rep.*
- Spectroscopy**, on animal substances (Lanckester) 2, 114-16
 on animal and vegetable pigments (Lanckester) 4, 119-29
 gelatin plates for (Lommel) 6, 471, *rep.*
 infra-red, application to mineral systems, with reference to mammalian enamel (Elliott) 95, 454, *P.*
 use in estimation of haemoglobin (Preyer) 1, 358, *rep.*
- Spectrum**, muscular (Ranvier) 9, 245, *rep.*
 ocular, new variety (Aitken) 13, 322-5
- Speech**, lingual apparatus of the organ of (Donders) 1, 173-5, *abs.*
 and presence of genial tubercles on mandible (Thomson) 50, 43-74
- Spermatocytes**, seminal vesicle and sex chromosome association, in, mouse, golden hamster, field vole (Ford & Woollam) 100, 787
- Spermatogenesis**, (Hibbard & Parat) 61, 515, *P.* (*dem. only*)
 behaviour of vacuole during (Parat) 61, 497, *P.* (*t.o.*)
 centrioles in, history *Perameles* (bandicoot) (Cleland) 98, 487, *P.A.S.A.N.Z.*
 electron microscope study, bandicoot (Sapsford *et al*) 99, 952, *P.A.S.A.N.Z.*
- Spermatozoa**, atypical, 37, 305, *rep.*
 chemical composition (Miescher) 9, 441-2, *rep.*; (Picard) 9, 442, *rep.* (*vertebrates*)
 Dasyroid, electron microscopy (Cleland) 99, 953-4, *P.A.S.A.N.Z.*
 development, bandicoot, electron microscopy (Sapsford *et al.*) 100, 950, *P.A.S.A.N.Z.*
 labelled, uptake by epithelial cells, regenerating of uterus, mouse (Reid) 99, 947, *P.A.S.A.N.Z.*
 head, structural changes, fine, during passage through epididymis, rabbit, (Bedford) 99, 891-906
 shape, genetics, mouse (Illisson) 99, 950-1, *P.A.S.A.N.Z.*
 and neck, mature, fine structure, mouse (Illisson) 100, 949, *P.A.S.A.N.Z.*
 in insects and *Crustacea* (Bütschli) 6, 449, *rep.*
 origin in *Grantia*, 61, 515, *P.* (*dem. only*)
 residual, fate in uterus, mouse (Reid) 98, 492, *P.A.S.A.N.Z.*
 size in *Petromyzon* (Gulliver) 10, 453-4, *rep.*
 triple stain for (Haycraft, Carlier & Schofield) 22, 133
 vitality, in *Echinus sphoera* (sea urchin) and *Patella vulgata* (limpet) (Gemmell) 34, 163-81
- Spermophile**, (gopher), *see* *Citellus*
- Sphaerodactylus**, tail regeneration, histogenesis (Hughes) 93, 569, *P.*
- Sphargis**, skeleton (Gray) 7, 337, *rep.*
- Sphargis luth**, osteology (Gervais) 7, 337, *rep.*
- Sphenodon**, epiphysial structure and primitive form of secondary centre (Haines) 74, 80-90; 73, 362, *P.*
 macula (Mann) 67, 202, *P.*
- Sphenodon punctatum**, cell masses in the forebrain (Durward) 65, 8-44
 cerebellum (Hindenach) 65, 283-318
 chromosomes (Keenan) 67, 1-17
 live specimen (Durward & Adams) 73, 669, *P.* (*dem.*); brain (Durward & Adams) 73, 669, *P.* (*dem.*)
 skull, development (Howes) 35, iv, *P.*
see also Hatteria
- Sphenoid bone**, ala, reduced in size in Melanesian skull, 37, 306, *rep.*
 development (Fawcett) 44, 109-110, *anat. not.*: 44, 207-22; 44, ii, *P.* (*t.o.*)
 and upper jaw (Fawcett) 43, iii (July 1907) (*t.o.*)

Sphenoid bone, (cont.)
 ossification (Fawcett) 41, viii, *P.* (January 1907)
 spine of, a groove on the medial surface of, formed by chorda tympani (Lucas) 29, ii-iv, *P.*
see also Alisphenoid

Sphincter, ani internus, exhibition of specimen (Keith) 44, i (*dem.*)

bladder (Leedham-Green) 43, i, *P.* (June 1908) (*t.o.*)
 duodenal, presence, observations (Meyer) 48, 129
 and gular pouch of *Ovis tarda* (Murie) 4, 162, *rep.*
 of Oddi, histology, with reference to the ampulla of Vater, choledochoduodenal junction and papilla duodeni (Kirk) 78, 118-20
 of the pancreatic and common bile ducts (Kirk) 77, 120-1, *P.*
 pyloric, fibrous, with hour-glass stomach (Melsome) 29, xxvi-xxviii, *P.*
 of rectum, anatomy and physiology of (Clark) 17, 442-59
 vesicae, (Kupressow) 7, 191, *rep.*

Sphygmograph (Landois) 1, 156, *rep.*; (Boileau) 9, 221, *rep.*
Handbook of the Sphygmograph (Sanderson) 2, 381-3, *rev.*
 new method of use of (Foster) 2, 62-5
 on tracings obtained with cardiograph and (Onimus & Viry) 1, 156, *rep.*
 transmission type (Fleming) 12, 144-6

Sphygmography (Sanderson & Anstie, 1, 360, *rep.*; (Anstie) 3, 208, *rep.*; part I (Garrod) 6, 399-404; Part II (Garrod) 7, 98-105
 study of circulation of the blood by (Garrod) 9, 416, *rep.*
 waves, primary and first secondary, interpretation (Lewis) 41, 137-40

Sphygmoscope, gas, description of (Landois) 5, 213, *rep.*

Spina bifida (Taruffi) 26, 433-4, *rep.*; 6 cases (Humphry) 29, 585-92; 25, 437-8; 43, 116, *rep.*; 1 case (Dolérus) 34, 412, *rep.*; 36, 299-300, *rep.*; 35, 503, *rep.*; 40, 295, *rep.*
 anatomy (Humphry) 19, 500-8
 axis (Black) 31, xxx, *P.*
 causation 27, 415, *rep.*; 42, 133, *rep.*
 cervical, 1 case (Birmingham) 27, viii, *P.*
 cervical vertebra, 1 specimen (Patten) 31, xxxiv, *P.* (*t.o.*)
 8 mm. ferret embryo, (Good) 46, 491-9
 cystica, and diastematomyelia (Barson) 99, 424-5, *P.* (*dem.*)
 relation of site to extent (Barson) 99, 205-6, *P.*
 spinal cord anomalies, lumbar kyphotic form (Barson) 99, 217, *P.* (*dem.*)
 and ectopia viscerum, associated with retroflexion of trunk, with discussion on causation, (1 foetus) (Bryce) 29, 553-68
 encephalocele and anencephaly (Cleland) 17, 257-92
 foregut diverticulum, diastematomyelia, and other congenital abnormalities, 7-month foetus (Robson) 92, 652, *P.*
 lumbar, with rudimentary cerebellum and defects of spinal cord, 37, 305, *rep.*
 lumbo-sacral, and anencephaly in 6-week embryo (Bertacchini) 34, 412, *rep.*
 and the neurenteric canal (Kollmann) 28, 371-2, *rep.* (*man, chick*)
 Report of a committee of the Clinical Society of London on treatment by Dr Hunter's Iodoglycerine solution, 20, 546-7, *rev.*
 with spinal cord, double, 28, 371, *rep.*; 33, 511, *rep.*
 thoracic, 42, 133, *rep.*
 vertebrae, cervical (Patten) 32, xxi, *P.*

Spinal cord, see Cord, spinal

Spinal reflexes, see Reflexes, spinal

Spindles, muscle, absence after reinnervation during pregnancy, rats (Zelená & Hník) 94, 294, *P.*
 and other sensory endings in foetal muscles (Bowden) 97, 477, *P.*
 innervation, Australian opossum, *Trichosurus vulpecula*, special reference to motor nerve endings (Jones) 100, 733
 of rectus femoris, tibialis anterior, and Vth interosseus (forelimb), number and distribution, cat (Barker & Chin) 94, 473-86
 tandem, frog (Barker & Cope) 96, 49-57
 neuromuscular, innervation, pattern of (Feindel) 83, 56, *P.* (*rabbit*)
 in muscles, laryngeal, man (Lucas Keene) 95, 25-9

Spine(s), cervical, complete, of Orang (Cave) 64, 119, *P.*
 curvature (Boulard) 7, 168, *rep.* (*man, animals*); (Balandin) 8, 159-60, *rep.*
 dendritic, *see* Synapses
 lumbar curve, in Gorilla (Symington) 23, xxv, *P.*
 and thoracic, movements when lifting, chronocyclophotographic study (Davies *et al.*) 99, 13-26
 neural, of cervical vertebrae as a racial characteristic (Cunningham) 20, 637-40
 thoracic and lumbar, movements when lifting, chronocyclophotographic study (Davis *et al.*) 99, 13-26

Spiracle(s) in porbeagle shark (Turner) 9, 301-2
 of Porbeagle shark (*Lamna cornubica*) (Ewart) 24, 227-9

Spirograph, (M'Vail) 3, 216, *rep.*

Spleen, aberrant, 1 case (Thompson) 60, 474, *P.*
 absence, congenital with other anomalies (Lawrence & Nabarro) 36, 63-75; 36, xxvi, *P.*
 accessory, in scrotum (Sneath) 47, 340-2
 anatomy, topographical (Addison) 35, 298-300
 blood, modification in passage through (Malassez & Picard) 9, 416, *rep.*
 blood vessels, in adult (Lewis) 91, 245-50 (*cat, dog, rabbit, sheep, man*)
 capsule and trabeculae (Tehver & Grahame) 65, 473-81 (*horse, ox, sheep, pig, cat*)
 cholinesterases in (Ballantyne) 98, 689-91, *P.* (*mammal*) (*dem.*)
 circulation, development, rabbit foetus (Lewis) 90, 282-9; 90, 569-70, *P.*
 contraction (Roy) 16, 490-1 (*expts*)
 and size of liver during stimulation of splenic nerves (Drosdoff & Botschetschkaroff) 11, 204-5, *rep.* (*dog*)
 development (Radford) 42, 288-301 (*Rana temporaria*)
 cystic degeneration of heart, kidneys, liver and, in 77-year-old man (Meigs) 27, 454-63
 of *Echidna* (Basir) 65, 178, *P.* (*t.o.*); 66, 628-49
 fissures and notches (Parsons) 35, 416-27; 35, xi, *P.*
 form, (Shepherd) 37, 50-69
 and of kidneys, (Cunningham) 29, 501-17
 at various ages (Llewelyn) 65, 173, *P.*
 function (Mosler) 6, 243, *rep.* (*animal*); (Tarchanoff) 9, 416, *rep.*
 considered with haemolymph glands (Lewis) 38, 144-57
 histology (Robertson) 20, 509-15 (*man, pig, sheep*)
 comparative, and physiology (Yoffey) 63, 314-44 (*fish*)
 and of suprarenal glands (Basir) 66, 628-49 (*echidna*); 65, 178, *P.* (*t.o.*)
 innervation in relation to leucocythemis (Tarchanoff) 8, 185, *rep.* (*curarised dogs*)

Subject Index

Spleen, (cont.)

- iron content (Picard) 9, 420, *rep.* (*cat*, *dog*)
 lymphatics (Goldberg) 92, 310-14
 in monotremes and marsupials (Mackenzie) 51, 6, *P.* (June 1916)
 multiple, specimens (Parsons) 43, v, *P.* (January 1908) (*t.o.*)
 1 subject, female, aged 13 years (Parsons) 42, 459, *anat. not.*
 nature (Silvester) 5, 379-80, *rep.*
 peritoneal relation (Bochdalek, Jun.) 2, 398, *rep.*
 monotremes and marsupials (Mackenzie) 51, 1-18
 physiology (Bochefontaine) 8, 185, *rep.*
 position and relation of, and stomach (von Luschka) 4, 155-6, *rep.*
 process of extending through inguinal canal (Latham & Jaffrey) 32, xxxiv, *P.* (2 cases)
 red pulp, reticuloendothelial system, organization, expt. (Weiss) 93, 465-77 (*rabbit*, *rat*)
 regeneration (Jones & Braithwaite) 99, 408, *P.* (*animal*)
 in mouse and rabbit (Philippeaux) 1, 368, *abs.*
 failure, (Pergrani), 1, 166, *rep.*
 reticulum, structure (Carlier) 29, 479-84, (*cat*)
 rudimentary, right lobe demonstration (Thomson) 31, i, *P.*
 stimulation effect of lower end of vagus upon (Oehl) 4, 185, *rep.* (*cat dog*, *rabbit*)
 structure (Kyber) 5, 380, *rep.*; (Klein) 10, 450-1, *rep.* (*dog*, *man*)
 of *Hexanchus corinus* (O'Donoghue) 61, 40-63
 topography (Birmingham) 31, 95-113
 venous drainage, rat (Braithwaite & Adams) 91, 352-7
Splints, physiological, 'lively' (Capener) 83, 71, *P.*
Spondylolisthesis and spondylolysis (Capener) 74, 559, *P.*
Sponge-grafting, wound repair by (Franks & Abraham) 17, 349-62
Spots, heat (Woollard) 71, 151, *P.* (*t.o.*)
 see also Spots, warmth
 sensory, of skin, innervation (Weddell) 75, 441-6; 76, 226, *P.*
 warmth, nerve endings subserving (Woollard, Weddell & Harpman) 74, 558, *P.*
 see also Spots, heat
Sprat, *see* Pisces, British Clupeoid
Sprengel's shoulder, 32, 793, *rep.*
Spurs, bony, arising from dorsal arches of the thoracic vertebrae (Shore) 65, 379-87 (*Bantu*)
Squamata, apparatus lacrimal and (Bellairs & Boyd) 80, 224, *P.*
Squatting, tibia, upper end (Kate & Robert) 99, 137-41
Squint, in relation to opacities of the cornea (Hirschberg) 10, 633, *rep.*
Squirrel, Grey, *see* *Sciurus carolinensis leucotis*
 spiny, *see* *Xerus*
Stage, for microscopy of living tissues (Reeves) 11, 403-5
Stains and staining, *A practical manual of medical and biological staining techniques* (Gurr) 2nd ed. 1956. 91, 298, *rev.*
 Methods of analytical histology and histo-chemistry (Gurr) 1958. 94, 567, *rev.*
 Encyclopaedia of microscopic stains, (Gurr) 1960. 94, 567, *rev.*
 Staining animal tissues, Practical and theoretical (Gurr) 1962. 97, 465, *rev.*
 Über der Vergleichung einiger Fixierungs- und Färbungsmethoden (Kosaka & Bito) *Folia anatomica Japonica*, 1924. 11, 247-52; 59, 448, *rev.*
 acid disazo, purity of different commercial samples, investigation (Lloyd & Beck) 97, 308, *P.*; 79, 639, *P.*

- acid fuchsin, erythrophile substances in tissues (Gurr & MacConaill) 94, 450, *P.*
 for neurological material (Gurr & MacConaill) 94, 290, *P.*
 acids, phosphotungstic and phosphomolybdic (Bulmer) 95, 290, *P.*
 triphenylmethane dyes for neurological material (Gurr & MacConaill) 94, 290, *P.* (*cat*)
 acridine orange, tissue fluorescence induced by (Armstrong) 90, 598, *P.*; 91, 570, *P.*
 adrenaline- and noradrenaline-storing granules, mechanism of differential reaction in tissues fixed in glutaraldehyde (Coupland & Hopwood) 100, 227-43
 alizarin, action on animal tissues (Lieberkühn) 9, 443-4, *rep.* (*dog*, *frog*)
 bone growth indicator (Hoyte) 94, 432-42; 90, 585, *P.* (*rat*, *rabbit*, *guinea-pig*)
 interpretation of results of staining growing bone (Hoyte) 91, 591, *P.*
 preparations of foetal mammals (Grahame) 81, 404, *P.* (*dem.*)
 vital, deposition in skeleton and teeth of rats (Tonge) 95, 606-7, *P.*
 alum haematoxylin (Cook) 14, 140-2
 aniline, blue-black, picrocarmine, nervous tissue in bulk (Hewer) 68, 282-3, *anat. not.*
 bone sections (Ranvier) 9, 388, *rep.*
 Berlin blue, preparation for transparent injections (Brücke) 1, 369, *abs.*
 birefringence and staining differences of nuclei and other structures (Kruszynski) 95, 290-1, *P.*
 brain, thick sections (Lockhart) 66, 149, *P.*
 capillaries, brain (Pickworth) 69, 62-71
 cholinesterase technique, innervation of pancreas, rat, cat, rabbit (Coupland) 92, 143-9
 see also Cholinesterase
 Crossman-Mallory triple (Richardson) 73, 673, *P.*
 disazo, identification (Lloyd & Beck) 97, 639, *P.*; 97, 639, *P.*
 differential, for muscular and fibrous tissue (White) 35, 145-6
 double and triple, sections, 10 techniques (Stirling) 15, 349-54
 eosin and iodine green, for spermatozoa (Haycraft, Carlier & Schofield) 22, 133
 formol-iodate and formol-dichromate fixation, and radioactive formol-dichromate (Coupland) 88, 142-51; 87, 444, *P.*
 gold chloride of hair follicles (Breathnach) 97, 73-80
 haematoxylin (Delafield's) modification (Burlend & Strangeways) 72, 631-2, *anat. not.*
 phosphotungstic acid staining of pancreatic alpha granules (Levene) 97, 647, *P.*
 hydroxyanthraquinone derivatives, including alizarin, vital staining of bone (Brash) 74, 141, *P.*; 74, 143, *P.* (*dem.*)
 lead-haematoxylin, system, nervous central (MacConaill) 81, 371-2, *P.*; 81, 376, *P.*
 logwood (haematoxylin and haematin) (Cook) 14, 140-2
 see also Stains and staining, alum haematoxylin
 Mallory's (Fawcett) 59, 29-30, *S.P.*
 Marchi, note on (chicken sciatic nerve) (Field) 91, 576-7, *P.*
 observations (Field) 91, 611-12, *P.* (*rat*, *chicken*)
 metal, (cobalt, lead, zinc) in certain synaptic vesicles (Lever) 96, 422, *P.* (*guinea-pig*)
 membranes, otolithic, and tectorial of cochlea, and cupulae of internal ear, various stains (Wislocki & Ladman) 89, 3-12 (*mouse*)
 methods (Carlier) 25, iii, *P.* (SMS) (*t.o.*)

Subject Index

Stains and staining, (cont.)

- methylene blue, atrial endocardium, structures staining, dog, effects of unilateral vagotomy (Holmes) 91, 259-66
for smear preparations of cord, spinal (Stirling) 24, 609-10.
vital central nervous system, degenerating fibres (Feindel & Allison) 83, 78, P.
Mulligan, for macroscopic study, brain (Mulligan) 65, 468-72; 66, 132, P.
thick differential (Blair, Davies & McClelland) (see 72, 625) 66, 153, P.; (Green) 67, 346-9, anat. not.; 67, 213, P. (dem.); (Lloyd Davies) 72, 471, P.; 72, 474, P. (dem.); (Brown) 72, 625-6 P.
myoepithelial cells of mammary gland, relation to ejection of milk (Linzell) 86, 49-57 (cat, dog, rabbit, rat, goat, human)
negative, of brain fragments for electron microscopy (Gray) 97, 309, P.
nerve cells, isolated degenerating (Stroud) 33, ix, P. (t.o.)
nerve fibres of living cornea, comparison of various stains (Zander & Weddell) 84, 78, P.; 84, 168-95
nile blue sulphate, vital, pronephric duct, development (O'Connor) 72, 615-16, P. (amphibian)
osmium-iodide for epidermis, electron microscopy (Breathnach & Goodwin) 100, 159-72 (guinea-pig)
Parafalg, of acidic tissue elements (MacConaill) 97, 480, P.
periodic acid Schiff, for identification of hyaluronic acid type of mucopolysaccharide (Davies) 85, 426, P.
fluorescent, application to central nervous system (Kiernan) 99, 940, P. (dem.)
Pickworth, capillaries of brain (Pickworth) 69, 62-71
picrocarmine, aniline blue-black nervous tissue in bulk (Hewer) 68, 282-3, anat. not.
Romanowsky modification (Robinson) 72, 618, P.; 72, 626, P. (dem.)
safranin, blood corpuscles (Leigh) 22, 497
silver techniques, (Bielchowsky-Gros, Gleys and Nauta and Ryan) in degeneration of central nervous system (Evans & Hamlyn) 90, 193-203
Bodian method modifications (Bacsich) 74, 552, P. and Champy-Coujard, on enteric nerve plexus (Rintoul) 91, 577, P.
chrome method for nerve cells (Hunter) 32, 109-18
diamine hydroxide, after chromic acid (Pritchard) 83, 30-1
factors controlling (Samuel) 86, 493, P.
fibres, nerves of teeth (Fearnhead & Linder) 90, 228-35
Gleys, Bielchowsky-Gros, and Nauta and Ryan) in degeneration of central nervous system, (Evans & Hamlyn) 90, 193-203
hypothalamus, monkey normal and experimental (Adey, Rudolph, Hine, & Harritt) 92, 218-35 and terminal degeneration in the hypothalamus (Cowan & Powell) 90, 188-92: 90, 566, P.
Golgi, forebrain mouse, (Valverde) 97, 157-80
method demonstrating neurones of pes hippocampi (Sala, Turner) 25, 578-81, abs.
preparation of spinal cord and cerebellum (von Kolliker) 25, 443-60
impregnation method, for demonstrating central nervous system (Stirling) 24, 610
Gros-Bielchowsky modification, peripheral nerve fibres in frozen section (FitzGerald) 97, 623, P.

- impregnation and development (Samuel) 87, 268-77
Ranson's method, for axis cylinders, modification (Hewer) 67, 350-2, anat. not.
mechanism (Samuel) 87, 278-87
Nauta and Ryan, Bielchowsky-Gros & Gleys in degeneration of central nervous system (Evans & Hamlyn) 90, 193-203
proteins, nervous tissue, expt. (Peters) 93, 177-94
Romanes for paraffin sections (Romanes) 80, 205-6
of nerve fibres in paraffin sections (Romanes) 84, 104-15
supravital of epithelium of finer bronchioles (Macklin) 83, 83-4, P.
sodium nitroprusside benzidine mixture, brain, capillaries, application to regional localization of mental disorder (Pickworth) 69, 62-71
Sudan III and IV, and counterstained (Hewitt) 93, 134-6
of sulphated mucopolysaccharides in tissue sections, various stains (Heath) 95, 289-90, P.
toluidin blue supravital, of ova, tubal (Bacsich & Hamilton) 83, 62, P. (rabbit)
trichrome methods, application to embryological technique (Baxter) 75, 137-40
trypan blue and vital new red, in endocardium of rabbit (Harper) 80, 222, P.
and epididymis (caput) (Macmillan) 91, 616, P. (rat)
and homograft reaction (Baxby & Scothorne) 100, 693, P. (rabbit)
teratogenic effect of two commercial samples (Beck) 95, 452, P. (rat)
influence of thyroid function on rat (Christie) 100, 361-8
in vivo, counterstained Mayer's paracarmine (King) 69, 177-80
in vivo, counterstained picrocarmine, nerve cells (King) 69, 177-80
vital, reproductive organs of Cavia (Nicol & Bryce) 70, 200-1, P.
vital staining of rat testis (Baxter) 90, 596, P.
valves of heart, damaged, capacity of, rabbit (Harper) 76, 225, P. (t.o.); demonstration, 76, 229, P.
Victoria blue for cartilage (Fawcett) 59, 62, S.P.
vital, and the effects of hormones on the female reproductive system (Nicol) 72, 474, P. (dem.)
modification of existing technique, in serially sectioned material and method for counterstaining sections, 73, 673, P. (dem.)
vital, leptomeninges (Woollard) 59, 57, S.P. (t.o.)
vital new red and trypan blue, in endocardium of rabbit (Harper) 80, 222, P.
vital, of reticulum and lymphoid tissue in rabbit appendix (Harper) 80, 231, P.
uterus, pregnant (Bryce & Nicol) 70, 201, P. (disc. only)
Weigert's haematoxyline-copper, with the freezing microtome, for nerve fibre (Hamilton) 21, 444-9
technique for paraffin sections of central nervous system (Bacsich & Stibbe) 72, 163-4, P.
Weigert-Pal (Bolton) 32, 247-66
counterstaining, central nervous system, (Davies) 72, 308, anat. not.; demonstration, 72, 179, P.
modifications of method (Bolton) 33, 292-300
see also Techniques, and various organs
Stalk, connecting, capsular attachment, embryo, early human, No. 1285, Manchester collection (Florian & Hill) 69, 399-411
development, and amniotic cavity (Florian) 64, 454-76 (man)
in early human embryo (Florian) 65, 165, P.

Subject Index

Stalk, (cont.)

- optic, form and structure of optic nerve and relation to (Robinson) 30, 319-33
- pituitary, *see* Hypophysis cerebri, stalk
- Standing**, *see* Posture
- Stapes**, otosclerotic, and normal, mineral content, x-ray microscopy (Clarke) 97, 473-4, P.
- Starch**, absorption of, after cutaneous and intravenous application (Auspitz) 6, 245, *rep.* (rabbits)
- action of parotid and pancreatic secretions upon, in infants and new-born (Korowin) 8, 206, *rep.*
- assimilation of (Faye) 2, 194, *abs.*
- salivary digestion (Robertson) 32, 615-51; (Paschutin) 6, 459, 487, *rep.*
- Starvation**, skeletal effects (Acheson) 93, 123-30 (immature rat)
- structural changes in nerve-endings in (Woollard) 61, 283-97
- Stasis, venous**, reaction of tubular bone (Abdalla & Harrison) 100, 627-38
- Statistics**, *The treatment of clinical and laboratory data* (Mainland) 1938. 72, 637, *rev.*
- Statocyst**, octopus, light microscopy (Young) 100, 699, P. (*dem.*)
- Stature**, in mongolism (Roche) 100, 948, P.A.S.A.N.Z.
- relationship to trunk measurements (Downes) 48, 299-314
- in Tasmanian aborigines (Plomley) 98, 482, P.A.S.A.N.Z.
- Steamer duck**, *see* *Micropterus cinereus*
- Steatornis caripensis*, anatomy (Garrod) 9, 405, *rep.*
- Stegocephali**, cranial bones, latero-sensory lines and snout of, compared with those of fishes (Allis) 70, 293-316
- Stenosis**, aortic with defect of interatrial septum and patent foramen ovale (Greenfield) 24, 423-33
- mitral congenital, 33, 519, *rep.*
- pulmonary, *The anatomy of congenital pulmonary stenosis* (Sir Russell Brock) 1957. 92, 168-9, *rev.*
- with patent foramen ovale, male 72 years (Morison) 52, 251-5
- pyloric, congenital, myenteric ganglion cells in (Rintoul & Kirkman) 94, 452, P.
- hypertrophic, congenital, 1 case, 42, 138, *rep.*
- see also* Duodenum
- Stentor Caeruleus*, anatomy (Moxon) 3, 276-97
- Stereognosis**, efficiency, graphic representation (Whillis) 85, 415, P.
- Stereophotochromoscope**, (Harris) 30, 118-23
- Stereoscopy, electron**, (Willis & Gray) 100, 690, P.
- Stereotropism** (Cracium) 61, 492, P.
- Sterility**, in women (Duncan) 1, 167, *rep.*
- Sterilizer** and rocking microtome (Frazer) 25, ii, P. (SMS) (*t.o.*)
- Sterna hirundo*, cord, spinal, multiple canals in (Kolster) 34, 416, *rep.*
- Sternomastoid**, development, and of trapezius (McKenzie) 94, 579, P.
- Sternopagus**, chick, 37, 303-4, *rep.*
- Sternothaerus*, skull (Gray) 9, 406, *rep.*
- Sternum** (Harris) 72, 321-2, P.
- A monograph on the structure and development of the shoulder-girdle and sternum in the vertebrata* (Parker) 1868. 2, 374-81, *rev.*
- The human sternum* (Paterson) 1904. 39, 368, *rev.*
- of *Balaena mysticetus* (Struthers) 29, 593-612
- of birds (Magnus) 3, 458, *rep.*
- body, anthropoid and human (Ashley) 90, 587, P.
- definitive shape in relation to pattern of ossification (Ashley) 90, 87-105 (794 adult, 213 juvenile, 403 foetal specimens)
- bones, in chelonians (Gray) 7, 337, *rep.*

- in young tortoises (Gray) 8, 177, *rep.*
- closure and segmentation of sternal bands, experiments (Chen) 87, 130-49 (mouse)
- cyst, dermoid of (Lenormat, Bird) 39, 504, *rep.*
- development (Gladstone) 66, 152, P.
- and ossification, man and mammals (Paterson) 35, 21-32
- index, sex and age (Dwight) 15, 327-30
- age, height and sex (Dwight) 24, 527-35
- manubrium and 1st segment of in man and apes (Dwight) 24, 536-42 (man, gorilla, & gibbons)
- morphogenesis, *in vitro*, mouse (Chen) 1. development, normal, 86, 373-86; II. origin and self-differentiation, 86, 387-401
- morphology (Paterson) 36, xxvi, P.
- and relation to ribs (Gladstone & Wakeley) 66, 508-64
- observations (Ashley) 85, 412, P.
- ossification (Larcher) 3, 195, *rep.*
- and development, man and mammals (Paterson) 35, 21-32
- pattern, development, 520 cases (Ashley) 87, 439-40, P.
- of Pell's Owl, viscera and (Murie) 6, 170-5
- relation to ribs, 7th and 8th (Lickley) 39, 505, *rep.*
- relation of 8th costal cartilage to (Committee of Collective Investigation) 31, 31-5 (106 subjects); 31, 619 (12 cases)
- types (Ashley) 87, 439-40, P.
- of whale, sperm (*Physeter macrocephalus*) (Turner) 6, 377-80
- variations 2 cases (Lane) 19, 266-73; 38, 367, *rep.*; (Paterson) 43, 322-3 (2 cases); (Eggel) 4, 306, *rep.* (1 case); 44, 101, *rep.*
- and thorax (Flesch) 8, 170-1, *rep.*
- absence, or wide fissure, with exposed heart, 38, 367, *rep.*
- asymmetry (Lane) 18, 335-8
- fissure (Lenormat) 39, 504, *rep.*; 35, 504, *rep.*; (Turner) 14, 103-6 (1 specimen)
- congenital (Obermeier) 4, 161, *rep.*
- case of Dr. E. A. Groux (Jewett) 14, 516-17
- with ectopia cordis (Barnado) 32, 325-33
- exposing heart (Gibson & Malet), 14, 1-9 (man)
- and transposition of right subclavian artery (Ogilvie & Cathcart) 8, 321-6 (lamb)
- fusion between manubrium and body (Ashley) 88, 550, P.
- Steroids**, effects on reticulo-endothelial system, (Nicol *et al.*) 100, P. (mouse)
- excretion in nephron, histochemical evidence (Ferguson) 100, 431, P. (rat, guinea-pig, hamster, sheep, man)
- related to cholesterol effect on rabbit aortic organ culture (MacDougall *et al.*) 99, 211-12, P. (*dem.*)
- see also* names of individual steroids
- metabolism in gut (Baillie) 100, 427, P.
- Steypiroydr* (cetacea) observations on, found in Iceland (Reinhardt) 3, 204, *rep.*
- Stickleback**, *see* *Gasterosteus aculeatus*
- Stigmata**, anatomical and mental degeneration (Rabaud) 39, 496, *rep.*
- teratological, 31, 456, *rep.*
- Stilboestrol**, treatment of spayed female guinea-pig, 77, 118, P.
- Stimulation**, electrical, to the brain with constant currents, effects of (Hitzig) 7, 175-6, *rep.* (man, rabbit)
- of cerebral cortex, *see* Cortex, cerebral
- cutaneous, effects of, on body temperature (Jacobson) 11, 570, *rep.*

Subject Index

Stimulation, cutaneous (*cont.*)

- nerves by H_2SO_4 (Baxt) 7, 177-8, *rep.* (*frog*)
 Faradic, on cerebral cortex, visceral effects of, (RocheFontaine) 11, 186-7, *rep.* (*dog*)
 galvanic, action of muscles and nerves (Hermann) 8, 186, *rep.*
 of muscle and of healthy and injured motor nerves (Romanes) 10, 707-34 (*frog*)
 by induced current (Fick) 2, 189-90, *rep.*
 movements in nerve fibres due to (Englemann) 7, 178, *rep.* (*frog*)
 muscle, skeletal, reaction, (measured frequency) foetal rat (Straus & Weddell) 72, 625, *P.*
 of nerve (Matteucci) 2, 189, *rep.*; (König) 6, 222, *rep.*; (Fuchs, Schiff & Englemann) 8, 186, *rep.*; (Fick) 8, 186, *rep.*
 activity during (Setchenow, Bernstein) 7, 344, *rep.*
 comparison of electrotherapeutic and physiologic methods of (Filehne) 5, 398-9, *rep.* (*man, frog, rabbit*)
 double, effects (Dew-Smith) 8, 74-82; (Dew-Smith) 8, 400, *rep.*
 interrupted, and muscles (Grünhagen & Englemann) 8, 186, *rep.*
 and muscle (Bernstein) 1871. 6, 223, *rep.* (*book*)
 on muscle and nerve (Hermann) 7, 178-9, *rep.*
 effect of intrapolar distance, (Willy) 7, 179, *rep.*; (Eulenberg) 7, 179, *rep.*
 with unipolar current (Fuchs) 7, 179, *rep.*
 by varying strengths of constant current (Nasse) 5, 398-9, *rep.*
 of spinal cord, anterior columns (Mayer) 3, 462-3, *rep.* (*frog*); (Engelken) 2, 188, *rep.*
 thermal, of nerves (Heinzmann) 8, 186, *rep.*
 unipolar, of nerves (Chauveau) 11, 544, *rep.*
 electromagnetic of nerve (M'Kendrick) 13, 219-23 (*frog*)
 gonadal, visual mechanisms (Le Gros Clark, McKeown & Zuckerman) 72, 152-3, *P.*
 gonadotropic, (Antostab) response of immature female guinea-pig (Bacsich & Wyburn) 77, 118, *P.*
 hypothalamic, producing gastric motility (Heslop) 72, 626, *P.* (*dem.*)
 oestrogenic *see* Oestrogens
 to ovulation (McKeown & Zuckerman) 72, 153-4, *P.* (*ferret*)
 retinal, gonadal activation by, ferret (Jefferson) 75, 106-34
 sensory, of spinal cord (Wolski) 7, 177, *rep.* (*frog, dog*)
- Stimulator**, electrical, modification of induction coil (Bowditch) 11, 570-1, *rep.*
Stimuli, electrical, summation, when applied to skin (Stirling) 10, 324-76 (*frog*)
 supramaximal, height of contractions in (Tiegel) 11, 568, *rep.*
 osteogenetic, *see* Osteogenesis
Stomach, acid secretion, in chick embryo (Toner) 99, 203, *P.*
 anastomoses, arterio-venous in, human (Barlow) 84, 405, *P.*
 bed, topographical anatomy (Addison) 35, 166-71
 of cetacea (Turner) 3, 117-19
 and circulatory organs, reflex relations with 7, 347, *rep.*
 Colobidae, ontogenetic changes (Hill) 87, 438, *P.*
 constriction (Dixon) 33, xxv, *P.*
 of crayfish, fresh-water (Parker) 11, 54-60
 curvature, *see* Curvature
 effects of formalin hardening on muscular coats (Waterston) 45, 16-19

- form (Paterson) 47, 356-9; (Lesshaft) 16, 303-4 (1200 subjects), *anat. not.*
 models showing various conditions (Barclay) 54, 258-69
 fundus, development, (Keith & Wood Jones) 36, xxxiv-viii, *P.*
 and gastric canal (Lewis) presence in man (Jefferson) 49, 165-81
 histology, in Insectivora (Allison) 83, 69, *P.*; 82, 249-61
 hour-glass, *see* Stomach, variations
 in insectivora, South African with notes on gastric glands of mammalia (Allison) 82, 249-61; 83, 69, *P.*
 and intestine histochemistry, chicken (Aitken) 92, 453-66
 lymphatics (Gray) 71, 492-6; 72, 144, *P.*
 movements, relations to gastropancreatic folds (Crymble) 47, 207-24
 myenteric plexus (Rintoul) 95, 288, *P.* (*rat, rabbit, guinea-pig*)
 of narwhal (Woodhead & Gray) 24, 188-94
 mucosa of cardiac surface of (Thomson) 31, 1, *P.*
 mucous membrane, amyolytic enzyme, pig (Southall & Haycraft) 23, 452-4
 blood supply of different parts (Doran) 88, 557 *P.*
 nerve supply, macroscopic study (Mitchell) 75, 50-63; 74, 142, *P.* (*disc. only*)
 physiological investigation of (Holmgren) 3, 251, *n.* (*pigeon*)
 position and relation of, and spleen, (von Luschka) 4, 155-6, *rep.*
 in relation to function (1200 subjects) (Lesshaft) 16, 303-4, *anat. not.*
 and pylorus (Berry) 34, 153-8; (Berry & Crawford) 33, xxvi-vii, *P.*
 of ruminant, development (Gedge) 2, 323-4
 shape (Bettmann) 33, 354 (*ref. only*)
 structure and function (Jefferson) 59, 41, *S.P.* (*t.o.*)
 vertebrata (Nuhn) 5, 384, *rep.*
 and vomiting mechanism (Schiff) 2, 413, *rep.*
 of ziphioid and delphinoid whales (Turner) 23, 466-92
 variations (Robinson) 33, xxvi-vii, *P.*
 displacement, (Waterston) 39, xiv, *P.* (*1 female*)
 hour-glass, 38, 368, *rep.*; (Slevers) 34, 419, *rep.*; (Cunningham) 40, ii, *P.* (*t.o.*); (Orr) 41, 49-50
 congenital, 10 cases (Williams) 17, 460-78
 with fibrous pyloric sphincter, (Melsome) 29, xxvi-xxvii, *P.*
- Stomatodoeum**, *see* Stomodoeum
Stomobranchium octocostatum, observations on (Wright) 1, 332-3
Stomodoeum, structures, duplicity (Morton) 90, 594, *P.*
Stop mechanism, in the animal kingdom (Thilo) 35, 206-13
Strabismus, *see* Squint
Stratification, arboreal, in study of ecology of African primates (Napier) 95, 602, *P.*
Stratum corneum, of skin (Macleod) 36, lvi-lx, *P.*
Streak, primitive, developments, multiple, in birds, 40, 296, *rep.*
 early human embryo showing (Johnston) 72, 148-9, *P.* (*disc. only*)
 presomite human embryo showing (Harrison & Jeffcoate) 87, 124-9
 history, later, sheep embryo (Boyd) 88, 565, *P.*
 in presomite human embryo (Shaw) (Gladstone & Hamilton) 76, 9-44; 76, 228, *P.* (*disc. only*); 76, 229, *P.* (*dem.*)

Subject Index

Stress, 1st annual report on stress (Selye) 1951. 86, 469-70, *rev.*; Second annual report on stress (Selye & Horava) 87, 432, *rev.*
Stress and strain in bones. Their relation to fractures and osteogenesis (Evans) 1957. 92, 169-70, *rev.*
Stria, olfactory, *see* Roots, olfactory
Striated muscles, *see* Muscles
Striatum, *see* Corpus striatum
Strips, endless, ciné film, in research and teaching (Fyfe) 88, 586, *P.*
Strongylus filaria, changes produced by, in lungs of sheep (Bewley) 21, 374-7
Strongylus gigas, development and mode of propagation of (Balbiani) 4, 307, *rep.*
Strontium, salts, action of when injected into blood (Blake) 8, 243-9 (*dog*)
Strophanthus hispidus (Kombé arrow poison) (Fraser) 7, 139-55
Struthio camelus (Ostrich), *Studies on the morphogenesis of the brain in Struthio camelus* (Krabbe) 91, 295, *rev.*
 axial skeleton (Mivart) 9, 405, *rep.*
Strychnia, absorption of, after cessation of circulation (Goltz) 6, 229, *rep.* (*dog*)
 action of methyl and ethyl derivatives of (Brown & Fraser) 3, 478-9, *rep.* (*rabbit, frog*)
 action of oxethyl chloride, (Vaillant) 5, 204-5, *rep.*
 and amyl nitrite, combined action of (Brunton) 8, 95-6
 and chloral, antagonism between (Ore) 7, 197-8, *rep.*
 effect on reflex activity (Meihwizeen) 8, 229-30, *rep.* (*frog*)
 effects on reflex response to sensory stimulation, (Busch) 8, 399, *rep.* (*frog*)
 poisoning, and antidotes (Gray) 5, 393, *rep.* (143 cases and rabbits)
 artificial respiration in (Rossbach) 8, 203-4, *rep.*; (Jochelsohn) 8, 409, *rep.*
 mode, and curara (Vulpian) 4, 313-14, *rep.*
 and physostigma, antagonism between (Fraser) 7, 198, *rep.* (*experiments*)
 quaternary ammonium salts of, connection between chemical constitution and physiological action (Brown) 2, 224-42
see also Strychnine
Strychnine, effect of, on the cells of the spinal cord (Spence, Gay) 1, 360, *rep.*
 changes in motor neurones after administering, (Ahmed & McKenzie) 97, 309, *P.*
 effect (Vulpian) 2, 421-2
 effect of artificial respiration on action of (Geube) 2, 422, *rep.*
see also Amyl nitrite
Strychnium, ethyl, and methyl, actions of (Jolyet & Cahours) 3, 479, *rep.*
Stump, nerve, facial, inserted into the brain, influence on regeneration of nerve cells (Le Gros Clark) 77, 251-9 (*rabbit*)
Sturdy (disease) in sheep, in relation to cerebral localisation (Beatson) 14, 205-20
Sturiella, skeleton (Shufeldt) 22, 309-50
Style, structure, in dog's tongue (Scott) 14, 288
Stylus, for kymograph (Stuart) 25, 299
Subarachnoid space, perivascular canals in the nervous system and their relationship to (His), 1, 347-52
Subcapitate bone, bilateral, 1 case, 38, 371-2, *rep.*
Subjects, preservation (Grönroos) 33, 357 (*ref. only*)
Sub-occipital region, *see* Region, sub-occipital
Subplacenta, guinea-pig, electron microscopic study (Davies, Dempsey & Amoroso) 95, 311-24

development, histology, histochemistry, guinea-pig (Davies, Dempsey & Amoroso) 95, 457-73
Substances, erythrophile, demonstration in tissues (Gurr & MacConaill) 94, 450, *P.*
 fuchsinophile, *see* Substances, erythrophile
Substantia nigra, nucleus, *see* Nucleus of grey matter
Succession, genetic, of zooids (Allman) 5, 387, *rep.* (*Hydroida*)
Suckling, mechanism (Evans) 85, 414, *P.*
 in *Didelphys virginiana* (Boyd) 67, 210, *P.*
Sucrose, intestinal absorption, and detection in portal vein (Drosdoff) 13, 245-6, *rep.*
Sugar, amount in foetus and adult (Morrigia) 10, 221-2, *rep.* (*carnivore, herbivore*)
 blood, levels in carnivores (Lusk) 5, 217, *rep.*
 cane, effect on development of frog's egg, 42, 132, *rep.*
 consumption of by diabetic and non-diabetic animals (Seelig) 8, 421-2, *rep.* (*rabbit*)
 formation, in foetus and adult (Morrigia) 9, 440, *rep.*
 muscle, recent researches (McDonnell, Robert) 1, 275-80
 and uric acid, effects on Fehling's solution in cold (Seegar) 10, 218, *rep.*
 in urine (Seegen) 6, 466, *rep.*
 copper tests (Maly) 6, 466, *rep.*
 modification of Trommer's test for, (Fowler) 9, 439, *rep.*
Sula bassana, L. (Gannet) nasal cavity, anatomy and development (Scothorne) 92, 648, *P.*
Sulcus, Sulci, cerebellar, development and homologies (Bradley) part I, 37, 112-30; part II, 37, 221-40
 and lobes, cerebellar (Bradley) part I, 38, 448-75; part II, 39, 99-117
cerebral (Pansch) 13, 266, 268 (*t.o.*); comment by Turner, 13, 268; 13, 273-4
 of Chinese brains, three (Cole) 46, 54-68
 development (Cunningham) 28, ix-x, *P.*
 and interpretation (Anthony & Grzybowski) 68, 558-70 (*ox*)
 homologies (Elliot Smith) 36, 309-19; (Wilder) 8, 203, *rep.* (*mammals, esp. carnivora*)
 localisation of function of cerebral cortex in relation to (Schafer & Horsley) 28, x, *P.*
 localisation and interpretation (Elliot Smith) 43, i, *P.* (June 1908) (*t.o.*)
 pattern in 4 Asiatic brains (Cole) 54, 311-23
 in relation to growth of hemisphere and development of occipital lobe (Cunningham) 24, 309-45
 relationship to areas of cortex (Elliot Smith) 41, 237-54
 significance (Elliot Smith) 41, 198-207; 41, iii, *P.* (June 1906)
 of ungulates (Krueg) 13, 267 (*t.o.*); comment by Turner, 13, 274-5
calcarine, study of growth of (Cunningham) 31, 586-98; 31, xxxix, *P.* (*t.o.*)
central (Cunningham) 25, 1-23 (*ape, man*); (Symington & Crymble) 47, 321-39
 convolutions, depth (Heschl) 13, 266 (*t.o.*); comment by Turner, 13, 270
 development (Cunningham) 32, xviii, *P.* (*t.o.*)
 growth (Cunningham) 31, 586-98; 31, xxxix, *P.* (*t.o.*)
 interruption, complete (Beavor) 40, xi-xiii, *P.*; (Thomson) 45, 433-9
 bilateral, complete (Waterston) 41, 147-8
 localisation, in brain (Giacomini) 13, 266 (*t.o.*); comment by Turner, 13, 271-2
 position in living (Hare) 18, 174-81
 variation of, 1 case, (Lockwood) 23, xvi-xvii, *P.*

Subject Index

- Sulcus, cerebral** (*cont.*)
intraparietal, morphology (Jefferson) 47, 365-80
 variations in man (Cunningham) 24, 135-55 (62 specimens); 24, xi, *P.*
lateral, Sylvische Furche und Reilsche Insel des Genus Hylobates, (von Waldeyer) 1891. 28, 380, 382, *rev.*
 development, in human embryo (Beer) 24, ix-xi, *P.*
 parieto-occipital, primates (Elliot Smith) 38, 164-9
 pithicoid abnormality with opercula of insula, (Elliot Smith) 38, 158-61
 in primate brain (Cunningham) 25, 286-91
lunate (Burne) 38, xxx, *P.*
 in Chinese brain, (Shellshear) 61, 1-13
temporal, superior, evolution and relation to cortical area (Shellshear) 61, 267-78
post-coronal, with dissections of the epicranial aponeurosis, 2 cases (Blair) 56, 44-7
preauricular of ilium, and sexing innominate bone (Derry) 43, 266-76
preauricularis, see Sulcus, preauricular of ilium
Sulph-indigotic acid, intestinal absorption, and detection in portal vein (Drosdoff) 13, 245-6, *abs.*
Sulphate(s), conjugate, in human urine (van der Velden) 11, 566, *rep.*; (Baumann) 11, 567, *rep.*
 radioactive, distribution and fate, in connective tissue of rat (Davies & Young) 87, 448, *P.*; 88, 174-83 (*rat*)
 uptake by cells, fibres and ground-substance of mature and developing connective tissue (Glücksmann, Howard & Pelc) 90, 478-85 (*adult mouse*)
Sulphovinates, action and elimination (Rabuteau) 5, 203-4, *rep.* (*man, animals*).
Sulphur, radioactive (³⁵S) autoradiography of uptake in normal and scorbutic guinea-pig tissue (Hill & Bourne) 90, 576-7, *P.*
 in cartilage homographs (Ring) 90, 582-3, *P.* (*rabbit*); (Wyburn) 90, 563, *P.* (*guinea-pig*)
 in fibrous tissues, bones and cartilages, given in form of inorganic sulphate (Davies & Young) 88, 174-83 (*rat*); 87, 448, *P.*
 uptake in hypothalamo-neurohypophyseal system (Arnott & Sloper) 92, 635, *P.* (*rat*)
 (³⁵S-DL-methionine) uptake by tissues, autoradiographs, mouse, 1. Testis, epididymis and seminal vesicle (Glücksmann, Howard & Pelc) 89, 13-18
Sulphuric acid, origin of in animal organism (Salkowski) 8, 410, *rep.*
 toxic action (Starkow) 8, 222-3, *rep.* (*animals*)
Sulphydryl and disulphide groups, in human vaginal epithelium (Asscher, Turner & de Boer) 90, 577, *P.*
 protein-bound, distribution in tissues, and vitamin A deficiency, rat (Redfeam & Strangeways) 91, 391-7
Sun-bittern, viscera and dermal structures (Murie) 6, 447, *rep.*
Superfoetation, in pig (Smith) 61, 329-32
 and sheep (Smith) 62, 100-4
Supination, of forearm (Welcker) 10, 442-3, *rep.*
 and pronation, *see* Pronation and supination
Suppression areas of the brain, see Connexions, cortico-striate
Suppuration, proportion of white to red corpuscles after (Apolant) 8, 403, *rep.*
Suprasternal bones (Carwardine) 27, 232-4; (Dixon) 48, 219-21 (2 cases)
 variation and incidence, whites and American negroes, (Cobb) 71, 245-91, (1010 cases)
Surface active agents, non-ionogenic plasmolytic properties (O'Brien) 98, 483, *P.A.S.A.N.Z.*
Surgery, Lectures and essays on the science and practice of surgery, part II the physiology and pathology of the spinal cord (Macdonnell) 1875. 10, 437-8, *rev.*
Anatomy in surgery (Thorek) 1963. 98, 279, *rev.*
 open-heart, differentiating lymphoid cells following, ultrastructure (Mandel) 100, 938, *P.A.S.A.N.Z.*
Sus scrofa (domestic pig), abnormal kidneys in (Hepburn) 29, 16-17
 structure and development of skull (Parker) 8, 176, *rep.*
 testis, gubernaculum (Backhouse & Butler) 94, 107-20
Sutural bones, chimpanzee (Patten) 46, 33-5
 distribution, and arrangement of sutures, chimpanzee (Patten) 43, iv, *P.* (November 1908) (*t.o.*)
 fontanelle, anterior 2 cases (Barclay-Smith) 44, 312-14
 in frontal suture (Gulliver) 25, ii-iii, *P.* (1 case)
Suture, immediate and delayed, nerve regeneration after (Holmes & Young) 77, 63-96 (*man, rabbit*)
Suture(s), arrangement, and distribution of sutural bones, chimpanzee (Patten) 43, iv, *P.* (November 1908) (*t.o.*)
 deviation, experimental analysis (Girgis & Pritchard) 91, 578, *P.*
 obliteration, premature, of cranium in 7-months' foetus (Heschl) 4, 300, *rep.*
 patterns, effect of skull damage on development, rat (Girgis & Pritchard) 92, 39-51
 variation, 36, 303, *rep.*
 atlanto-occipital, 35, 502, *rep.*
 circum-maxillary, in normal and in unilateral cleft lip and palate (Burstion & Latham) 97, 312, *P.*
 coronal, (Parsons) 40, 242-3; 40, ix, *P.*
 absence, 1 skull (Rau) 69, 109-12; 69, 140, *P.* (*t.o.*)
 closing, premature (Dawson & Hoyte) 91, 590-1, *P.*
 coronary, absence, unilateral (Barclay-Smith) 32, xxvi, *P.*
 cranial, closure, in Australian aborigine (Abbie) 84, 1-12
 in relation to cerebral cortex (Harris) 63, 171, *P.*
 development and structure, man, cat, pig, rabbit, rat, sheep (Pritchard, Scott & Girgis) 90, 73-87
 morphological status (Girgis & Pritchard) 89, 577, *P.* (*rat*)
 pattern alteration experiment (Girgis & Pritchard) 90, 573, *P.*
 vault, premature fusion (Dawson & Hoyte) 91, 613, *P.*
facial, development and structure, man, cat, pig, rabbit, rat, sheep (Pritchard, Scott & Girgis) 90, 73-87
fronto-palatine, aboriginal skull, Australian (Russell) 74, 129-30, *anat. not.*
infra-orbital (Turner) 19, 218-20
interparietal, in Mycetes (howling monkey, aluata, caraya) (Frassetto) 34, 417, *rep.*
intraparietal, in acroscaphocephaly (Patten) 59, 111-12, *S.P.*
lacrimo-jugal, presence of in two human skulls (Reid) 44, 249-50
malar-lacrymal, human foetus (Macalister) 35, xi, *P.*
metopic, La suture et ses rapports avec la morphologie crânienne, (Papillault) 1896. 30, 584, *rev.*
 with fontanelle (Patten) 46, 33-5 (*chimpanzee*)

Subject Index

- Suture(s)**, (*cont.*)
metopic, persistence (Simon) 8, 386, *rep.*
orbito-maxillary frontal in apes and man, (Thomson) 24, 349-57
palatal, rare form (Turner) 33, 674-5
pre-maxillary—maxillary, on facial surface in negro female (Montagu) 81, 404, *P. (dem.)*
sagittal, fusion, premature (Dawson & Hoyte) 91, 583, *P.*
sphenoido-malar, absence (Magnus) 4, 151, *rep.*
squamo-mastoid & squamozygomatic (Fawcett), 70, 193, *P. (t.o.)*
- Swallowing**, *see* Deglutition
- 'Swan necks'**, in nephrons, experimental production, rat (Fourman) 95, 606, *P.*
- Swanscombe**, *see* Skull, Swanscombe
- Sweat**, action of atropia on 9, 448, *rep.* (Ringer) 7, 197, *rep.*
 action of jaborandi on 9, 448, *rep.*
 bacteria in (Eberth), 8, 188, *rep.*
 in fever (Pudzinowitsch) 6, 238, *rep.*; (Neumann) 8, 428, *rep.*
 (human), pyrogenic effects of intravenous injection into rabbit (Röhrig) 8, 428-9, *rep.*
 mechanism of secretion (Handfield Jones) 15, 238-43 (*man*)
 reaction of (Moriggia) 8, 422, *rep.* (*man*, *other animals*)
 suppression by varnishing the skin (Socoloff) 7, 188-9 *rep.* (*animals*)
 vascular and nervous results of (Feinberg) 8, 182-3, *rep.*
see also Glands, sweat
- Sweating**, emotional, and the suprarenal cortex (Mackinnon) 90, 562, *P.*
 reflex (Botkin) 9, 416, *rep.*
 return of, to grafted skin, (McGregor) 84, 76-7, *P.*
 sudomotor, after sympathectomy, thoraco-lumbar (Monro) 84, 401, *P.*
- Swedenborg skulls**, (Rutherford) 48, 86-8
- Swiss, *Crania Helvetica Antiqua*** (Studer & Bannwarth) 29, 332-3, *rev.*
- Symelia**, 2 cases (Manners-Smith) 30, 169-84; 30, 462, *rep.*
 anatomy, 1 case (Johnston) 54, 208-16
 and anencephaly, 37, 302, *rep.*
 with double mandible (Taruffi) 27, 421, *rep.*
 causes, 38, 362, *rep.*
 dissection of (Benington) 25, 202-9
 (sympodia, sirenornelia) general characters (Hickey) 99, 205, *P.*
- Symington Prize**, in anatomy, 57, 389
- Symmetry**, causes of inversion, 38, 362-3, *rep.*
- Sympathectomy**, *Sympathectomy: an anatomical and physiological study with clinical applications* (Monro) 1959. 94, 279-80, *rev.*
 size of Haversian canals after, cat (Fell) 83, 67-8, *P.*
 cervical, in young does and rabbits (Stirling) 10, 510-12
 hypertrophy of ear after (Bidder) 9, 214-15, *rep.* (*rabbit*)
 ganglionic, pre- and post-, changes in superior cervical ganglion after, electron microscopy (Barton) 91, 602-3, *P. (rabbit)*
 limb, upper, results in (Barcroft & Hamilton) 83, 58, *P.*
 preganglionic, effects on neurons of superior cervical (symp.) ganglion, rabbit (Hamlyn) 88, 184-91
 thoraco-lumbar, sweating, sudomotor after (Monro) 84, 401, *P.*
- Sympathetic chain**, thoracic connection (Rüdinger), 2, 168, *rep.*
- Symphysis, pubic**, age changes, the anthropoid strain in the third decade (Todd) 57, 274-94
 development and structure (Pritchard and Harrison) 92, 642, *P. (rat and comparative)*
 diastasis, 1 case (Schauta) 34, 419, *rep.*
- Sympodia**, 7 fetuses (Brash & Osman Hill) 81, 403, *P. (dem.)*; (Lee) 89, 570, *P. (1 case)*
 and non-development of allantois (Boulgakow) 63, 253-8
- Symposia**, *Symposia on quantitative biology*, Vol. III, 1935. 71, 420, *rev.*
Symposia of the Society for the Study of Human biology (Tanner) Volume III: *Human growth*, 1960. 95, 278, *rev.*
The ultrastructure of cells, 25 papers, 93, 577, *P.*
see also Conferences
- Sympus dipus** (MacDougall & Dow) 81, 404, *P. (dem.)*; 43, 115, *rep.*
- Synapse(s)**, axo-somatic and axo-dendritic, cerebral cortex, electron microscopy (Gray) 93, 420-33 (*rat*)
 of cord spinal, morphology, cat (Barr) 74, 1-11
 and dendritic spine apparatus (Gray & Guillery) 97, 389-91 (*cat, rat*)
- Synaptology**, *Functional structure of the postsynaptic membrane in the myoneural junction* (Csillik) 1965. 100, 676, *rev.*
- Syndactyly**, 27, 422, *rep.*; 31, 463, *rep.*; 33, 522, *rep.*; 33, 524, *rep.*; 37, 310, *rep.*; 39, 506, *rep.*; 42, 138-39, *rep.*; 44, 105, *rep.*
 and brachydactyly, with double proximal phalanx in middle fingers, 1 case, male (Cockayne) 67, 165-7
 and ectromelia (Rydgiel) 27, 423, *rep.* (1 case of each) of feet and hands, familial (Durlacher) 34, 421-2, *rep.*
 both hands, left foot, hereditary, 31, 463, *rep.*
 partial, and brachydactyly, in 1 hand (Lehmann-Nitsche) 39, 509, *rep.*
 and polydactylism (Gruber) 5, 382, *rep.*
 and other malformations in a family, 35, 507, *rep.*
- Synostosis**, of cervical vertebra, 1 case (Dukes & Owen) 36, 290-1
 of the cranium (Fraenkel) 5, 192, *rep.*
 congenital, of radius and ulna (Wakeley) 59, 16-17, *S.P.*
 sacro-iliac, 1 specimen (Shore) 64, 503-11
- Syncephalus**, 40, 296, *rep.*
 1 specimen, sheep (Millen & Davies) 85, 418, *P.*
 (or semi-agnathia) in a lamb (Eve) 17, 495-7
- Synotia**, *see* Syncephalus
- Synovia**, *see* Membrane, synovial
- Synovial joints**, *see* Joints
- Syringe**, inoculating, for bacteriology (Edington) 25, ii, *P. (SMS) (t.o.)*
- Syringomelia**, 42, 134, *rep.*
 deformities in (Patti) 39, 500, *rep.*
 in twins, 1 case (Wright) 34, 415, *rep.*
- System, biliary**, *The biliary system. A symposium of the NATO Advanced Study Institute*, 1965. 100, 679-80, *rev.*
- Systems, blood vascular**, *Das gēfass und periphere Nervensystem des Gorilla* (Eisler) 1890. 24, 611, *rev.*
Entstehung und Funktion von Gefässsystem und Blut auf cellular-physiologischer Grundlage (Hausmann) 1935. 69, 534-5, *rev.*
Cardiovascular studies (Franklin) 1948. 83, 45-6, *rev.*
 abnormalities in *Rana temporaria* (Collinge) 50, 37-42; (O'Donoghue) 70, 159-76
 congenital multiple, 1 case (Middleton & Towers) 89, 580-1, *P.*

Subject Index

Systems, blood vascular (*cont.*)

action of quinine on (Chirone) 10, 654, *rep.*
anatomy and physiology of, *The Harveian oration*, 1873 (Rolleston) 8, 158, *rev.*

of *Branchiobdella*, and blood corpuscles of earth-worm (Lankester) 12, 591-2

central, of Indian elephant (Miall & Greenwood) 13, 17-50

developing, including that of a completely injected 15-mm human embryo (Reagan) 74, 559, *P. (dem. only)*

elephant foetus, African (Amoroso, Franklin & Prichard) 76, 100-111

in eutherian foetus, demonstration (Barclay, Franklin, *et al.*) 76, 229, *P.*

of eyeball (Kiss) 81, 378, *P.*

of human foetus (Reagan) 80, 229, *P.*

influence of vagus on (Rutherford) 3, 402-16

innervation of (Heidenhain) 6, 475-6, *rep.*

of *Megalona* (M'Intosh) 13, 331-45

morphology (Macalister) 20, 193-300

of *Myxine* (Cole) 59, 112, *S.P.*

in presomite human embryo (Shaw) with primitive streak and chorda canal (Gladstone & Hamilton) 76, 9-44; 76, 228, *P. (disc. only)*; demonstration, 76, 229, *P.*

variations in Negro (Turner) 14, 244-8

venous, variations (Gruber) 6, 437, *rep.*

in viable foetal lamb (Franklin, Barclay & Prichard) 75, 75-87; 74, 554, *P. (t.o.)*; 74, 559, *P. (dem. only)*

see also Circulation

bronchovascular, *Anatomy of the bronchovascular system* (Birnbach) 89, 268, *rev.*

conducting, cardiac, see Heart, conducting system
fora-mamillaro-thalamic connexions (Cowan, Powell & Guillery) 90, 590-1, *P. (man, monkey, rabbit, rat)*

quantitative study (Powell, Guillery & Cowan) 91, 419-37 (*cat, man, monkey, rabbit, rat*)

haemopoietic, relation to lymphoid tissue (Yoffey) 65, 333-8 (*mammalia*)

Haversian, effects of ageing (Currey) 98, 69-75
collagen component, metacarpal, horse (Cleland) 97, 489, *P.A.S.A.N.Z.*

in man and some animals (Jowsey) 100, 857

hippocampus-fornix, fibre degeneration following lesions of (Powell & Cowan) 89, 563-4, *P.*

locomotor, *Biomechanical studies of the musculo-skeletal system* (Gaynor Evans, *ed.*) 1961, 96, 542, *rev.*

lymphatic, *The anatomy of the lymphatic system, part II, the lung* (Klein) 1875, 10, 435-6, *rev.*

Anatomy of the human lymphatic system (Rouvière, trans. by Tobias) 1938, 73, 675, *rev.*

Lymphatics and lymph circulation (Rusnyák, Földi & Szabo) 1960, 95, 279, *rev.*

Lymphatics, lymph and tissue fluid (Drinker & Field) 1933, 68, 286-7, *rev.*

Lymphatics, lymph and lymphoid tissue (Drinker & Yoffey) 1941, 76, 409, *rev.*; 2nd ed. (Yoffey & Courtice) 1956, 91, 413-14, *rev.*

(Gray & Woollard) 70, 195, *P. (t.o.)*

of cornea (Thin) 8, 390-1, *rep.*

development, early (Ewart) 70, 196, *P. (t.o.)*

of the eye and vitreous body (Evatt) 66, 140, *P.*

of liver (von Wittich) 9, 432-3, *rep. (rabbit)*

with relation to anatomy of connective tissue, nerve and muscle (Thin) 9, 193-7, *rep.*

relationship of neurones to (Lewis) 13, 268 (*t.o.*); comment by Turner, 13, 280

(spaces), a system of perivascular canals in the nerves centres, and on their relationship to, (His) 1, 347-52

connexion with space subarachnoid (Brierley & Field) 82, 153-66 (*rabbit*); 81, 393, *P.*

and subarachnoid space, functional connexions in retro-orbital tissue (Brierley & Field) 83, 77-8, *P. (rabbit)*

of Torpedo and other Plagiostomous fishes (Robin) 1, 367, *abs.*

of uterus, normal, non-pregnant (Leopold) 8, 391-2, *rep. (human & animal)*

variations in Negro (Turner) 14, 244-8

mineral, application of infra-red spectroscopy to (Elliott) 95, 454, *P.*

nephric, in amphibia (O'Connor) 72, 473, *P.*

embryology, early, sheep (Towers) 92, 647-8, *P.*

evolutionary significance of embryology of amphibian (O'Connor) 75, 95-100

pronephros, role of, in development (O'Connor) 74, 556, *P. (disc. only)*

see also Kidney(s)

nervous, *The process of aging in the nervous system* (Birren, Imus & Windle) 1959, 95, 140-1, *rev.*

zur Frage ueber das Verhalten der Nervenzellen zu Einander (Dogiel) in *Archiv für Anatomie*, Band vi, 1893, 28, 380, 381, *rev.*

Experimental Physiology der Nervensystems (Eckhard) 1866, 1, 354-5, *rev.*

Das Gefäß und periphere Nervensystem des Gorilla (Eisler) 1890, 24, 611, *rev.*

in *Physiology of man*, vol. iv (Flint) 8, 399, *rep.*

Morphologie und Physiologie des Nervensystems (Glees) 1957, 93, 139, *rev.*

Le système nerveux de l'homme (van Gehuchten) 1893, 28, 380, 381, *rev.*

Introduction to the study of the nervous system (Hewer & Sandes) c. 1930, 64, 535-6, *rev.*; 1933, 68, 430, *rev.*

Handbuch der Gewebelehre des Menschen (Kölliker) 6th ed., 2nd vol., 2nd part, 1896, 31, 162, *rev.*

The anatomy of the nervous system (Ranson, revised by Clark) 9th ed. 1953, 87, 432, *rev.*

Handbuch der mikroskopischen Anatomie des Menschen, IV. Band, *Nervensystem*, 2. Teil (Schaltenbrand & Dorn) 1955, 90, 159-60, *rev.*

The integrative action of the nervous system (Sherrington) *ed.* by Samson Wright, 1947, 81, 334, *rev.*

Der Einfluss des Nervensystems auf Bau und Tätigkeit der Geschlechtsorgane des Menschen (Stieve) 86, 333-4, *rev.*

The nervous system (Wyburn) 1960, 95, 444, *rev.*

action of potassium chloride on, in frogs (Ringer & Murrell) 12, 54-7

of Amphioxus and Myxine in *Biologische Untersuchungen*, vol. II (Retsius) 1891, 26, 577, *rev.*

and brain, a review (Garner) 15, 536-79

of *Creceis acicula*, 6, 449, *rep.*

discontinuity, coelenterates (Woollard & Harpman) 73, 559-62; 73, 361-2, *P.*

diseases, considered physiologically (Eulenberg) 1871, 6, 223, *rep. (book)*

effects of atropine sulphate on (Ringer & Murrell) 11, 321-31 (*frog*)

embryology of (von Strasser) 28, 380, 382, *rev.*

evolution, *The evolution of the nervous system in invertebrates, vertebrates and man* (Kappers) 1929, 66, 272-4, *rev.*

Subject Index

System, nervous (cont.)

- of *Galago senegalensis senegalensis* (lesser bush baby) (Kanagasuntheram & Mahran) 94, 512-27
- histological preparation of large sections (Hamilton) 12, 254-60
- indoxyl esterase in, monkey (Fisher & Sutherland) 99, 215-17, *P. (dem.)*
- influence on absorption (Goltz) 6, 480-2, *rep. (frog)*
- influence upon circulation and temperature (Riegel) 6, 231-2, *rep. (animals)*
- influence of development of muscle (Neumann) 39, 497-8, *rep.*
- influence on temperature and circulation (Heidenhain) 5, 410, *rep.*
- of *Lumbricus*, in *Biologische Untersuchungen*, vol. III (Retzius) 1892. 26, 577, *rev.*
- of *Myxine* and *Amphioxus*, in *Biologische Untersuchungen*, vol. II (Retzius) 1891. 26, 577, *rev.*
- staining, vital, neurones (King) 69, 177-80
- variations in Negro (Turner) 14, 244-8
- autonomic**, *The autonomic nervous system* (Kuntz) 64, 537-8, *rev.*
- Handbuch der mikroskopischen Anatomie des Menschen*, Band IV, Teil 5, *Mikroskopische Anatomie des vegetativen Nervensystems*, (Stöhr) 1957. 92, 490, *rev.*
- Das autonome Nervensystem* (Schiff) 62, 518, *rev.*
- abdominal, dissection, 1-year-old (Barry) 70, 195, *P.*
- in *Crustacea* (Eckhard) 2, 191, *rep.*
- peripheral, glomus tissue relationship to (Hughes) 99, 426, *P. (dem.) (cat)*
- central** (Stieda) 4, 162-3, *rep. (bird, mouse)*
- Brain and mind, or the nervous system of man* (Berry) 1928. 63, 389-90, *rev.*
- Anatomie du système nerveux central* (Bourret & Louis) 1963. 99, 402, *rev.*
- Anatomie des Menschen, Ein Lehrbuch für Studierende und Ärzte*. (Braus, continued by Elze) vol. III. *Periphere Leitungsbahnen*, II. *Centrales Nervensystem. Sinnesorgane*, 2nd ed. 1960. 95, 276, *rev.*
- Das Central-nerven-system von Protopterus annectens* (Burckhardt) 1892. 27, 200, *rev.*
- Anatomie topographique du système nerveux central* (Guillain & Bertrand) 1926. 62, 123-4, *rev.*
- The matrix of the mind* (Jones & Porteous) 1928. 63, 283-4, *rev.*
- Neuvo concepto de la histologia de los centros nerviosos* (Ramon y Cajal) 1893. 27, 565, *rev.*
- Neue Darstellung vom histologischen Bau des Centralnervensystems* (Cajal) in *Archiv für Anatomie*, Band vi, 1893. 28, 380, 381, *rev.*
- Anatomie des centres nerveux* (Déjerine & Déjerine-Klumpke) 1st volume, 1895. 29, 333-4, *rev.*
- Studien in der Anatomie des nerven Systems und des Bindegewebes* (Key & Retzius) vol. I, 1875.; vol. II 1st part, 1876. 12, 366-7 (*rev.*)
- The anatomy of the central nervous organs in health and disease* (Obersteiner) 1890. 24, 611, *rev.*
- Lectures on nervous diseases from the standpoint of cerebral and spinal localisation* (Ranney) 1888. 24, 611, *rev.*
- Le système nerveux central, structure et fonctions, histoire critique des théories et des doctrines* (Soury) 1899. 34, 283-4, *rev.*
- acid and alkaline reaction (Gschleidlen) 8, 181, *rep. (horses, dogs, rabbits, etc.)*
- of *Amphioxus lanceolatus* (and peripheral nervous system) (Owsjannikow) 3, 204-5, *rep.*

- of anencephalic foetus (Bulloch) 29, 276-81
- in congenital absence of one leg (Walls) 74, 141, *P.*
- of alligators (Rabl-Ruckhard) 13, 268, (*t.o.*)
- blood vessels, pattern, *Xenopus laevis* (Sims) 100, 91-8
- cell contacts in (Peters) 95, 610, *P.*
- Cephalopoda* and organ of hearing (Owsjannikow) 3, 204, *rep.*
- changes, following amputation of limbs (Dickinson) 3, 88-96
- correlated (Brodal) 80, 88-93
- in hemimelia (Variot) 26, 439, *rep.*
- cortex, evolution, mechanical factors (Wright) 69, 86-8
- degeneration, comparison of silver techniques (Bielchowsky-Gros, Glees and Nauta & Ryan) (Evans & Hamlyn) 90, 193-203
- secondary rate, pyramidal tract, cat (van Crevel & Verhaart) 97, 429-49; optic nerve, 97, 451-64
- examination methods (Betz) 7, 329, *rep.*
- fluorescent periodic acid-Schiff reaction (Kiernan) 99, 940, *P. (dem.)*
- foetal guinea-pig, 15 mm. length (Gladstone) 43, iii, *P. (November 1908) (t.o.)*
- Golgi's silver impregnation for demonstrating (Stirling) 24, 610
- ground substance, presence and nature, histochemistry (Hess) 92, 298-303 (*rat*)
- histochemistry (Kiernan) 99, 926-8, *P.*
- histology and histogenesis (Boll) 8, 171-2, *rep.*
- influence on absorption (Heubel) 7, 349, *rep.*
- of insane (Arndt) 13, 268 (*t.o.*); comment by Turner, 13, 280
- integrative function of (Lovén) 4, 195, *n.*
- of *Lineidae* (McIntosh) 10, 231-52
- maturation, and effect of methyl thiouracil (Eayrs & Taylor) 85, 350-8
- nerve endings, isolation from (Gray & Whittaker) 96, 79-88
- of osseous fishes (Stieda) 3, 199, *rep.*
- pathological anatomy (Arndt) 8, 392, *rep.*
- phosphatase, acid in (Pritchard & Menzies) 81, 404, *P. (dem.)*
- physiology (Fournié) 10, 626, *rep.*
- role in growth of the tadpole (Aron) 61, 492, *P.*
- sections, demonstration (Hewitt) 72, 474, *P.*
- Selachia* (Rohon) 13, 267 (*t.o.*); comment by Turner, 13, 287
- structure, according to Golgi's method (von Kölliker) 26, 271 (*t.o.*)
- development and comparative anatomy, *Zwölf Vorlesungen über den Bau der nervösen Centralorgane* (Edinger) 1892. 26, 573, *rev.*
- revolution (Elliot Smith) 66, 147, *P.*
- water content (Bernhardt) 10, 623-4, *rep.*
- Weigert technique on paraffin sections (Bacsich & Stibbe) 72, 163-4, *P.*
- counterstaining (Davies) 72, 308, *anat. not.*
- demonstration, 72, 179, *P.*
- see also* Stains and staining
- cerebrospinal**, *Anatomie élémentaire des centres nerveux et du sympathique chez l'homme* (Gillis) 1927. 61, 478, *rev.*
- peripheral**, *Die periphere innervation* (Villiger) 7th ed. 1938. 73, 348, *rev.*
- and central, of *Amphioxus lanceolatus* (Owsjannikow) 3, 204-5, *rep.*
- embryology and histology (Lubimoff) 9, 204, *rep.*
- endodermal (Shellshear & Dart) 59, 47-8, *S.P.*
- structure and significance (Meyling) 83, 78-9, *P.*

Subject Index

System, nervous (cont.)

- sympathetic, *Anatomie élémentaire des centres nerveux et du sympathique chez l'homme* (Gillis) 1927, 61, 478, *rev.*
 abdominal, dissection, 1-year-old (Barry) 70, 195, *P.*
 connections, peripheral (Potts) 59, 129-35; 59, 108, *S.P.*
 development in chick (Abel) 47, 35-72
 in human embryo (Robertson) 59, 46-7, *S.P.*
 ganglia (Arndt) 8, 392, *rep.*
 hypertrophy (Cunningham) 12, 294-6
Lacerta viridis (Adams) 77, 6-11; 77, 116, *P.*
 lumbar outflow caudal limit (Harman) 32, 403-21
 morphology (Goodrich) 61, 499-500, *P.*
 pathology (Lubimoff) 9, 204, *rep.*
see also Reflexes
 neurosecretory, cystine (cysteine) protein-bound, presence of substance rich in, in *Leucophaea maderae* (insect) (Sloper) 91, 577-8, *P.*
 neurovascular, *Le système neurovasculaire* (Lazorthes) 85, 102-3, *rev.*
 olfactory, fibre connexions, experimental study, rat (Brodal) 81, 390, *P.*
 secondary areas in brain (Allison) 88, 481-8
 optic, and anophthalmia in the chick embryo (Collister) 91, 568, *P.*
 portal, *see* Veins, portal
 pyramidal, *see* Tract, cerebrospinal
 receptor, respiratory and alimentary, *Morphologie der Rezeptoren des Atmungs- und Verdauungssystems beim Menschen* (Kadanoff & Gürowski) 1963, 98, 279, *rev.*
 renal portal, in domestic fowl (*Gallus domesticus*) radiography (Akester) 98, 365-76
 respiratory, of fowl (*Gallus domesticus*), pigeon (*Columba livia*) and duck (*Anas platyrhynchos*) comparative anatomy (Akester) 94, 487-505; 94, 382, *P.*
 of Indian elephant (Miall & Greenwood) 13, 17-50
 mammalian, phylogeny of (Howes) 23, 263-72; 23, viii-ix, *P.*
 reticuloendothelial, *Reticuloendothelial structure and function* (Heller) 1960, 95, 143-4, *rev.*
 effect of oestrogen: anti-oestrogen interaction on, ovariectomized mice (Nicol *et al.*) 100, 921, *P.*
 effects of steroids on (Nicol *et al.*) 100, 922 *P.* (mouse)
 action of oestrogens on phagocytic activity (Ware) 93, 571, *P.* (mouse)
 organization in red pulp of spleen, expt. (Weiss) 93, 465-77 (rabbit, rat)
 sensory, primary, development in *Xenopus laevis* (Daudin) (Hughes) 91, 323-38
 urogenital, congenital abnormalities, 45 rats (Hain & Robertson) 72, 83-100
 and renal agenesis (Hain & Robertson) 70, 566-76
 multiple (Arnold) 4, 161, *rep.*
 malformation (Palmer) 20, 354-6 (female twin); 44, 103, *rep.*
 monster (Doran) 15, 226-34 (foetus)
 development, abnormal in *Lepus cuniculus* (Latter) 23, 650
 arrested (Münchmeyer) 3, 456-7, *rep.*
 marsupials, special reference to *Trichosurus vulpecula* part I (Buchanan, Fraser & Hill) 53, 35-95; part II (Fraser) 53, 97-129
 of *Elephas indicus* (Watson) 7, 60-74
 origin and development (Balfour) 10, 17-48; note page 201 (vertebrates)
 associated with solitary kidney (Harrison) 28, 401-7
see also Organs, reproductive

- vascular, *see* System, blood vascular
 vasomotor (Nawalichin) 9, 217, *rep.* (dog, cat)
 venous, abnormal in a specimen of *Rana temporaria* (common frog) (Grove & Newell) 68, 341-5
 extradural vertebral, mammals (Tomlinson) 90, 575, *P.*
 of pinnipedia (Tomlinson & Harrison) 87, 461, *P.*
 visual, experimental study in birds, pigeons (Cowan, Adamson & Powell) 95, 545-63; 95, 451, *P.*
 light deprivation, effects (Wendell-Smith) 98, 495, *P.A.S.A.N.Z.*
 phalanger (*Trichosurus vulpecula*) (Packer) 75, 309-29
 Systole, cardiac duration (Donders) 1, 156, *rep.*
 sphygmograph estimation (Thurston) 10, 494-501
 Tabes dorsalis, medulla oblongata in (Woodhead) 16, 364-90 (1 case)
 Tachyglossus aculeatus, musculature, cruro-pedal (Lewis) 97, 55-63
see also Monotremata
 Tactile sense, experiments in man (Kollenkamp & Ullrich) 5, 210, *rep.*
see also, Touch
 Tadpoles, brain, effects of amputation, 33, 507-9, *rep.*
 growth and regeneration in (Aron) 61, 515, *P.* (dem. only)
see also Xenopus larvae
 Taenia, found infesting rhinoceros (Murie) 5, 387, *rep.*
see also Echinococcus; Tapeworms
 Taenia clino-orbitalis (Gaupp) fate in *Echidna* and *Ornithorhynchus* (Wilson) 40, 85-90; 40, v-vi
 Tail, 1 case, in child, 37, 301, *rep.*
 congenital absence, *Mus rattus*, 44, 105, *rep.*
 of embryo, abnormalities, 40, 294, *rep.*
 growth, rat (Keegan & Harrison) 95, 616, *P.*
 histology, of newt (Stirling) 16, 94-5
 regeneration, histogenesis, geckonid *Sphaerodactylus* (Hughes) 93, 569, *P.*
 so-called prickle or claw of lion and other felines (Turner) 7, 271-3
 Tail-like structure, *see* Cauda humana
 Taira, *see* Galera barbata
 Talipes equino-varus (bilateral) dissection, 1 adult (M'Kenzie) 34, 403-9
 Talipomanus, congenital, 43, 123, *rep.*; 43, 124, *rep.*
 Talpa (mole), blastocyst, in utero (Sansom) 59, 89, *S.P.* (dem.)
 dentition (Bate) 2, 174, *rep.*
 skeleton, appendicular and axial (Mivart) 1, 286-9
 skull (Mivart) 1, 286-9
 Talpa europaea (mole), anatomy of shoulder and upper arm of (Freeman) 20, 201-19
 double monster, 42, 136, *rep.*
 gums, innervation (Lewinsky & Stewart) 74, 53-6; 73, 667, *P.* (disc. only)
 nomenclature of teeth and dentition of (Moseley & Lankester) 3, 73-80
 Talus (Griffith) 33, 498, *anat. not.*
 description (Smith) 30, 390-412; 30, x, *P.*
 influence of axis of rotation of ankle joint (Garnett & Napier) 86, 1-9; 85, 409, *P.*
 man and other primates (Sewell) part I, 38, 233-47; part II, 38, 423-34; part III, 39, 74-88; part IV, 40, 152-61
 growth changes (Lisowski) 99, 917-18, *P.*
 neck, angulation, factors influencing, mammals (Barnett) 89, 225-31
 secondary, in man (Turner) 17, 82-3
 squatting facets, European (Barnett) 88, 509-13
 in Indians (Singh) 93, 540-50

Subject Index

Talus, (cont.)

- and tibia, articular surfaces of, in relation to posture (Thomson) 23, 616-39; 23, xxv, P.; 24, 210-17 (*man & other primates*)
- tubercle, posterior, fracture of, 4 cases (Shepherd) 17, 79-81 (*see also* Os trigonum)
- variable feature of (Appleton) 47, 123-42
- variations (Aitken) 39, 489-91

see also Tarsus

- Tamandu* (anteater), placenta (Edwards) 7, 172, *rep.*
- Tambours**, recording, rate of vibration of (Harris) 31, 29-30

- Tanghinia venenifera*, Madagascan ordeal poison, historical and physiological account (Davidson) 8, 97-112 (*cat, civet, lemur, frog, man*)

- Tapeworms**, affections in Iceland (Krabbe) 1, 183-4, *abs.*

Their sources, nature and treatment (Cobbold) 1866, 1, 145, *rev.*

see also *Echinococcus*, *Taenia*

- Tapir**, Malayan, *see* *Rhinochoerus sumatranus*

- Tapirus indicus*, maintenance of metacarpo-phalangeal angle (Bressou) 61, 513, P.

- Tarsier**, *see* *Lemur*; *Tarsius*

- Tarsioidea**, *Primates*. Part 2. *Haplorhini: tarsioidea* (Osman Hill). 89, 554-5, *rev.*

- Tarsius*, brain (Woollard) 59, 94-5, S.P.

cortical lamination (Woollard) 60, 86-105

oculomotor nucleus (Hunter) 59, 26-7, S.P.

thalamus (Le Gros Clark) 64, 371-414

- Tarsius spectrum*, brain-stem, motor sensory functions (Woollard) 62, 276-89

development of hypophysis cerebri (Waterston) 60, 477, P.

hind limb, osteometric study (Hall-Craggs) 99, 119-26

specimens and lantern slides of pregnant uterus and foetus (Burne) 59, 14-15, S.P.

- Tarsus**, accessory ossicle [os intermetatarsum] (Bankart, Pye-Smith, Phillips) 3, 447, *rep.*

[accessory ossicles] secondary bones (Stieda) 3, 447-8, *rep.*

of *Cryptobranchius japonicus* (and carpus) (van der Hoeven) 1, 185-6, *abs.*

first intermetatarsal joint (Gruber) 6, 433, *rep.*

homologies, mammal (Lewis) 98, 195-208

see also individual bones

- Tartar emetic**, therapeutic value of (Nobiling) 3, 220, *rep.*

- Tasmanian devil**, *see* *Dasyurus viverrinus*; *Sarcophilus ursinus*

- Tasmanian skull** (Wood Jones) 63, 224-32

characters, morphological, non-metrical (Wunderly & Wood Jones) 67, 583-95

- Taste**, *Olfaction and taste* (ed. by Zotterman) Symposium, September, 1962, 1963. 98, 277, *rev.*

(Schiff) 5, 212, *rep.*

anatomy (Weddell) 72, 175-6, P.

appreciation and gustatory enzymes (Baradi & Bourne) 85, 415-16, P. (*rabbit*)

location of lingual organs of (Camerer) 5, 401, *rep.*

nerves (Lussana) 6, 227, *rep.*

to anterior part of tongue (Schiff) 2, 414-15, *rep.*

- Taste buds**, distribution on human epiglottis (Romanes) 87, 464, P.; (Schofield) 10, 475-7 (*cat & dog*)

of *Fiber zibethicus* (Tuckerman) 22, 135-41

nerve endings in (Hoffman) 9, 396, *rep.*; (Sertoli) 9, 413-14 (*horse*)

of *Pelobates fuscus* (European spadefoot) (Schulze) 5, 195, *rep.*

of *Vulpes vulgaris* (common fox) (Tuckerman) 23, 201-5

see also Organs, of taste

- Tatusia* (armadillo), trabeculae, model for showing (Fawcett) 59, 62, S.P. (*t.o.*)

- Tatusia novemcincta* (nine-banded armadillo), cranium, primordial, embryos (Fawcett) 55, 187-217; 59, 28-9, S.P.

cranial muscles (Edgeworth) 57, 313-35

os septo-maxillare (Fawcett) 53, 349-50

- Taurin**, condition, in animal organism (Salkowski) 8, 410, *rep.*

- Taurocarbamin acid**, synthesis (Salkowski) 8, 410, *rep.*

- Taxonomy**, value of long flexors of feet of mammals in (Dobson) 17, 142-79

- Tayra**, *see* *Galera barbata*

- Tea**, effects (Marvaud) 6, 500-1, *rep.*

- Teaching**, Anatomical (Holmes et al.) 33, viii

anatomy, experiment (Sinclair) 98, 491, P.A.S.A.N.Z.

- Teal**, wild, *see* *Querquedula*

- Tealia felina*, *see* *Coelenterates*

- Tears**, physiology (Reich) 9, 220, *rep.*

- Techniques**, histological (Stirling) 24, 601-10

Histological techniques, for normal tissues, morbid changes and the identification of parasites (Carleton) 2nd ed. 1938. 73, 199, *rev.*

Champy osmic acid technique, zinc iodide in (Sutherland) 97, 624-5, P.

Anatomical techniques (Tompsett) 1956. 91, 298, *rev.*

Leitfaden der mikroskopischen-anatomischen Untersuchung pathologischer Objekte, des Blutes, und des Zentralnervensystems (van Walssem) 1932. 67, 187, *rev.*

Physikochemische Grundlagen der histologischen Methodik (Zeiger) 1938. 73, 199, *rev.*

cholinesterase, in study of intrinsic innervation of liver (Sutherland) 98, 321-6 (*monkey, guinea-pig, rat*)

colchicine, tissue proliferation displayed by (Zuckerman) 72, 176, P. (*dem.*)

controlled heat method of fixation (Barnett et al.) 100, 937, P.A.S.A.N.Z.

corrosion, and observations on foetal vessel of human placenta (Bacsich & Smouth) 72, 358-64; 72, 165-6, P.

museum specimens, celluloid, demonstration (Bacsich & Smout) 72, 179, P.

nerve fibres of living cornea, comparison of various stains (Zander & Weddell) 84, 168-95; 84, 78, P.

mounting media and the fading of histological preparations (Davies) 74, 464-70

injection, with silver proteinate, vascular and the preparation of brain sections, *in vivo* (Nichterlein) 79, 92-3

organelle concentration estimation, subcellular fractions, electron microscopy (Gregson & Williams) 100, 448, P. (*dem.*)

operative *in ovo*, in early chick embryo (Silver) 91, 605-6, P.

orientation of serial sections (Burston & Thurley) 91, 409-12

radioactive tracers, P₃₂, fate of intra-neural injections resolved by (Brierley & Field) 84, 61-2, P.

ultra-violet light, localisation by fluorescence (Joseph) 61, 512, P.

various, on same block for lesions of central nervous system (Bacsich & Stibbe) 71, 152-3, P.

wax plate construction, modification (Hallpike & Peet) 74, 127-8, *anat. not.*

see also Stains and staining; Dissection; Preparation

- Tectum**, connexions with reticular formation of brain stem, cat (Pearce & Glees) 91, 572, P.

optic, avian, degeneration, experimental, electron microscopy (Gray & Hamlyn) 96, 309-16

Subject Index

- Tectum, optic (cont.)**
of *Gallus domesticus*, correlation of electrical responses and histological structure (Cragg, Evans & Hamlyn) 88, 292-306
retinal representation upon, pigeon (McGill *et al.*) 100, 5-33
- Teeth, The aetiology of irregularity and malocclusion of the teeth (Brash) 1929. 66, 275, rev.**
Dental anthropology. Symposia of the Society for the Study of Human Biology. Vol. v. 1963 (ed. by Brothwell). 98, 139, rev.
Four lectures on 'Abnormal conditions of the teeth of animals in their relationship to similar conditions in man' (Colyer) 1931. 66, 274-5, rev.
Die Zähne: Ihr Ursprung, ihre Geschichte und ihre Aufgabe (Peyer) 1963. 97, 611, rev.
The jaws and teeth of primates (Warwick James) 1960. 95, 146, rev.
aboriginal, Australian, development, further observations (Ramsay Smith) 42, 226-35
alignment, and muscles, orofacial (Evans & Tulley) 89, 557, P.
alkaline phosphatase, *see* Phosphatase, alkaline
anthropoid fossil, Kenya (Leakey) 67, 207, P.
arcades in crania of Australian aborigines (Turner) 25, 461-72; 25, xvii, P. (t.o.)
canine, milk, of chimpanzee, reference to Australopithecinae (Le Gros Clark) 85, 408, P.
of *Cercopithecus aethiops sabaeus* (green monkey) effect of geographical isolation (Zuckerman & Ashton) 84, 401-2, P.
cholinesterase activity (Ten Cate & Skelton) 100, 432, P.
congenital, 31, 459, *rep.*
cultivation, *in vitro* (Szabó) 88, 31-44 (mouse, rat)
of *Dasyus novemcinctus* (nine-banded armadillo) (Flower) 3, 205, *rep.*
deciduous, nerves, fate (Mohiuddin) 84, 319-23
dental follicle, origin and formation, in mammalia (Legros & Magitot) 8, 387, *rep.*
developing, fixative for (Symons) 90, 583-4, P. (rat)
ribonucleic acid-alkaline phosphatase distribution in rat (Symons) 90, 117-22
development, and bone, endogenous and exogenous factors, grey-lethal mouse (Grüneberg) 71, 236-44
in reptiles and *Amphibia*, 6, 443, *rep.*; (Tomes) 9, 397, *rep.* (frog, newt, certain lizards & ophidian)
in vitro (Glasstone) 71, 137, P. (disc. only)
dye deposition in, following intra-vital alizarinization, rat (Tonge) 95, 606-7, P.
egg, of *Ornithorhynchus*, and development of palatine process of premaxillae (Green) 64, 512-22
enamel, *see* Enamel
eruption, bone formation, part played by (Keith) 59, 72, S.P.
evolution, mammals (Tims) 37, 131-49
based on development of Australian aboriginal teeth (Ramsay Smith) 42, 126-31
form and function, theory of 'maximum shear' (Shaw) 52, 97-106
glands, reptilian, rudiments in mammals (Bolk) 55, 219-34
growth, influence on growth of face (Young) 95, 285, P.
homologies and notation (Flower) 3, 262-78 (mammalia)
horny, of the hag-fish *Myxine glutinosa* (Dawson) 97, 471-2, P.
incisors, central, congenital absence of (Tellier) 28, 374, *rep.*
cleft palate in relation to (Turner) 19, 198-213; 25, viii-ix, P.
lost, in man (Windle & Humphreys) 21, 84-96
supernumerary, in child (Kirk) 18, 339, *anat. not.*
1 Javanese skull, 31, 459, *rep.*
upper, 1 case (Turner) 12, 142-3
in prehistoric Egyptian (Elliot Smith) 36, 386
innervation (Tiegs) 72, 234-46; comment on Dr Tiegs paper (Lewinsky & Stewart) 72, 627-8, *anat. not.*
and fibres of Mummery (Stewart) 63, 1-6
and jaws, demonstration (Bradlaw) 81, 381, P.
microscopical investigation (Berkelbach van der Sprekel) 70, 233-41 (man & other mammals)
and regional anaesthesia (Stewart & Wilson) 63, 167-8, P.
linear determination of forms of (Pearsall) 31, xl (t.o.); 32, 219-22; 32, xxii, P.
in Mammalia (Flower) 6, 443, *rep.*
in Marsupialia (Flower) 2, 174-5, *rep.*
of *Mesoplodon layardii* (beaked whale) (Turner) 13, 465-80
of *Mesoplodon sowderbyi* (beaked whale) (Turner) 13, 465-80
molar, fourth, 4 cases in South African baboons (Shaw) 62, 79-85
in skulls of Australian aborigine and New Caledonian (Wilson) 39, 119-34
and premolar, succession and homologies, mammals (Tims) 36, 321-43; 36, lix, P.
supernumerary, in horse, 40, 298, *rep.*; 2 horses, 38, 365, *rep.*
in orang (Humphry) 8, 136-41
upper, in Australian skull (Turner) 34, 273-4
mucopolysaccharides, sulphated, in, rodent (Kennedy, J. S. & Kennedy, G.D.C.) 91, 398-408
mutilations in human neolithic remains (Jackson) 49, 72-9
nerve endings (Tiegs) 66, 622-7
nociceptive reflex (Griffin) 97, 486, P.A.S.A.N.Z.
nomenclature, and dentition, of mole (*Talpa europaea*) and badger (*Meles taxus*) (Moseley & Lankester) 3, 73-80
odontoblast process, primary curvatures (Osborn) 100, 432-4, P.
see also Odontoblasts
Palaeolithic man, Jersey (Keith & Knowles) 46, 12-27
pulp *see* Pulp, of teeth
replacement, origin (Tarlo & Tarlo) 97, 472, P.; 97, 479, *dem.*
reptilian and mammalian, relation between (Bolk) 56, 107-36
rudiments, *Manis javanica* (Marett Tims) 43, v, P. (January 1908) (t.o.)
of *Selache maxima* (basking shark) (Turner) 14, 273-86
structures, hard, displayed by progressive etching, use of shadowed replicas in optical and electron-microscopic examination (Tonge & Boulton) 92, 649, P.
and development in snakes of Germany (Leydig), 7, 338, *rep.*
minute and development in embryo pigs, dogs and calves (Hertz) 1, 357, *rep.*
of pulp (Boll) 3, 202-3, *rep.*
taurodont, in South African races (Shaw) 62, 476-98
in temporal bones, in horses and sheep, 38, 365-6, *rep.*
thylacine, 4000 years old, from D. J. Mulvaney's archaeological excavations at Fromm's Landing Lower Murray River (Macintosh) 98, 491, P.A.S.A.N.Z.

Teeth, (cont.)

- tumours associated with, 1 case each of odontome radicaire and dentigerous cyst (Windle & Humphreys) 21, 665-9
- in undernourished pigs (Tonge & McCance) 97, 635-6, P.
- variations in form, human (Taylor) 33, 268-2
- abnormal and supernumerary, 33, 518, rep.
- rare (Ramsay Smith) 41, 216-20; 43, 119, rep.
- supernumerary, 2 horses (Bradley) 36, 356-67
- upper, in molar region (Turner) 26, 60-1
- vestiges, and mouth parts, Manidae (Marett Tims) 42, 375-87
- see also Dentine; Dentition; Skull

Telencephalon, *De subcorticale angioarchitectuur van het menselijk telencephalon* (van den Burgh) 1961. 96, 136, rev.

- of *Anolis* (a microsmatic lizard) and olfactory apparatus (Armstrong, Gamble & Goldby) 87, 288-307
- non-cortical centres, in *Galago moholi* (Daitz) 85, 423-4, P.
- thalamic projection of, in pigeon (*Columba livia*) (Powell & Cowan) 95, 78-109

Teleology and the intervertebral disc (Hendry) 92, 672, P.

Teleosts, cheek-bones (Westoll) 71, 362-82

Teleostei, embiotoid fishes, nourishment of (Blake) 2, 280-2

- fovea centralis in eye of (Gulliver) 2, 12
- gland, choroidal, structure and function (Barnett) 85, 113-19
- hyomandibula (Edgeworth) 60, 173-93
- islet cells of pancreas, principal (Rennie) 37, 375-8
- origin, development and function of blood cells (Duthie) 73, 396-412
- orbito-ethmoidal region of (Allis) 60, 164-72
- ovum of (Ransom) 2, 400, rep.
- protoplasmic movements in the eggs of (Ransom) 1, 237-45
- swim-bladder, function (Gouriet) 1, 367-8, abs.
- see also individual names of fish

Telson, of the *Macrurous crustacea* (Garrod) 5, 271-3

Temperature, body, action of alcohol on (Rabow) 8, 427, rep.

- action of drugs on (Burness) 10, 651, rep.
- animal (Richardson) 4, 328, rep.
- axillary, effects of cooling (Senator) 5, 408-9, rep. (man); 6, 238, rep.
- capacity for frogs for resisting high and low (Müller) 8, 430, rep.
- central and peripheral in fever (Schulein) 10, 651, rep.
- and circulation, influence of nervous system upon (Heidenhain) 5, 410, rep.
- in various climates (Pinkerton) 15, 118-20 (6 men)
- constant, maintaining of for microscopy (Schäfer) 9, 404, rep.
- control, by brain (Schreiber) 8, 398, rep. (rabbit)
- effect of nervous system (Tscheschichin) 1, 163, rep.
- in diabetes (Foster) 3, 377-8
- effect of altitude on (Lortet) 4, 331, rep.
- effects of changes of on central ends of cardiac nerves (Tarachanoff) 8, 399, rep. (expts. animal)
- effect of curare on (Reigel) 6, 237, rep.
- effect of cutaneous stimulation on (Jacobson) 11, 570, rep.
- effect of exercise on (Allbutt) 7, 106-19; 8, 427, rep.
- effect of inflation of gut upon (Simons) 5, 409, rep.

effect on maturation of regenerating peripheral nerves (Goldby & Jha) 92, 667, P.

effect on ova of salamandrina, 32, 782, rep.

effects on rate of degeneration and regeneration in peripheral nerve (Gamble, Goldby & Smith) 91, 567-8, P. (*Lacerta viridis*)

effect on rate and progress of Wallerian degeneration in nerve fibres (Gamble & Jha) 92, 171-7 (rat); 92, 633-4, P.

effect of salicin(e) on (Ringer & Bury) 11, 589-604 (man)

effects of warm sulphur baths on (Boettcher) 6, 238, rep.

electrical measurement of (Siemens) 7, 357, rep.

fall of (Simons) 5, 218, rep.

gradients, effect on development of frog and chick embryos (Huxley & Tazelaar) 61, 517, P. (dem. only)

in health (Laurie) 8, 427, rep.; 8, 430, rep.; 11 570, rep.

in a hibernating animal (Horvath) 7, 185, rep. (souslik marmot)

high, effect of shock of on early morphogenesis of chick (Deuchar) 86, 443-58

highest tolerated by hand (Bloch) 10, 651, rep.

highest compatible with life (Hoppe-Seyler) 10, 651, rep.

increase by pyrogenic substances and fever (Dobczanski & Naunyn) 8, 427, 429, rep.; (Lewitsky) 8, 428, rep.

influence (Riegel) 8, 427, rep.

influence of cooling (Winternitz) 5, 408-9, rep.; 6, 238, rep.

influence of nerve lesions on (Mitchell) 8, 427, rep.

loss (Ackermann) 6, 486, rep.

animal (Pouchet, Davy, Walther) 1, 162-3, rep.

effects on putrefaction (Coleman & McKendrick) 19, 335-44

lowering, by 'rocking' (Manassein) 6, 237, rep. (animals)

of limbs, paralysed (Putzeys & Tarchanoff) 9, 409-11 rep. (dog, frog, duck); (Schiff) 10, 651, rep.

upper (Ade) 11, 570, rep.

range, daily, India (Crombie) 9, 444, rep.

rectal, effect of pain upon (Horvath) 5, 409, rep.

influence of food and digestion upon (Vintochgau & Dietl) 5, 409, rep. (dog)

regulation, 6, 237, 238, rep.; 7, 358, rep.; 8, 427, rep.

regulation of in warm blooded animals (Rosenthal) 7, 357-8, rep.

relation between that of air and body (Garrod) 6, 126-30

relation of CO₂ excretion to (Erler) 11, 199-200, rep. (rabbit)

during respiration of oxygen and atmospheric air, and rate of blood-flow (Naumow & Beljaew) 9, 221, rep.

superficial and deep, regulation during peripheral cooling (Riegel) 9, 247, rep. (dog)

vaginal, determination of in puerperal processes (Lehmann) 1, 367, abs.

variation, diurnal (Casey) 7, 357, rep.

in healthy children (Finlayson) 4, 191, rep.

ventricles, cardiac (Rosenthal) 6, 482, rep. (animals)

Temperature, environmental, effect on egg, fowl, 30, 453-5, rep.

effect on maturation of regenerating peripheral nerves, rat (Jha, Goldby & Gamble) 93, 436-47

Subject Index

Temperature, environmental (cont.)

- effect on structure of infant rat organs (Vacek, Hahn & Koldovsky) 95, 210-19
variation, effects on development and tail removal on lizard embryos in culture (Maderson & Bellairs) 96, 416, P.
- Temporal bone, *The temporal bone and the ear*** (Bast & Anson) 1949. 84, 57-8, rev.
- Microscopic anatomy of the temporal bone* (Wolff, Bellucci & Eggston) 1957. 93, 140-1, rev.
- age changes (Walker) 36, xxvi, P. (t.o.)
anomalous, left, 1 Egyptian (Laidlaw) 37, 364-7
cat (Bellocq) 61, 503, P.
in childhood (Clarke) 27, 411-14; 27, xxxiv, P.
division in *Felis concolor* (puma) also parietal bone (Patten) 59, 97, S.P.
internal ear, corrosion preparation (Whitnall) 59, 69, S.P. (dem.)
ossification (Sutton) 17, 498-508
persistence of squamo-mastoid suture in an adult (Symington) 23, ii-v, P.
squamous part, overgrowth compensatory in Melanesian skull, 37, 306, rep.
styloid processes elongated (Gruber) 5, 192, rep.
variations (Macalister) 37, xxxix, P. (t.o.)
venous sinus marking on (Farmer) 31, 1, P.
see also Ali temporalis
- Tench, see *Tinca vulgaris***
- Tendo Achilles, see Tendo calcaneus**
- Tendo calcaneus** (Macalister) 33, 676-8
morphology (Parsons) 28, 414-18; 28, xx, P. (reptiles, birds, mammals)
- Tendon(s), blood supply** (Edwards) 80, 147-52; 80, 237-8, P.
cells (Le Goff & Ramonat) 9, 392-4, rep.
cell-elements of (Köllicker) 4, 152-3, rep.
central, of diaphragm (Blair) 59, 43, S.P.; 57, 203-15
hernia through (Briscoe) 62, 224-6 (cat)
conjoint, and lower edge of internal oblique muscle, immobility (Doran) 89, 578, P.
digestibility of (Etzinger) 9, 428-9, rep. (in vitro & dog)
of flexor digitorum profundus (Martin) 92, 602-15; 91, 617, P.
flexor, long, comparative morphology, and of M. flexor accessorius (Lewis) 96, 321-33
of foot, medial aspect of sole, considered with muscles (Martin) 98, 437-53; 95, 619, P.
growth (Haines) 66, 578-85
long, rabbit (Crawford) 84, 68, P.
histology (Ercolani) 10, 447, rep.
associated with insertion of the peroneus longus and origin of first dorsal interosseous muscles (Lamont) 42, 236
of lateral pterygoid muscle (Harpman & Woollard) 73, 112-15
lymph absorption by (Generich) 6, 228-9, rep. (dog)
lymphatic vessels (Edwards) 80, 147-52; 80, 237-8, P.
muscle relationship, adult rabbit (Elliott & Crawford) 97, 139, P.
regenerating, fine structure of fibroblasts of, effect of scurvy on, guinea-pig (Peach) 97, 141, P.
repair (Stewart) 71, 154-5, P.; (Miller et al.) 97, 304, P. (rat, rabbit, guinea-pig)
sheaths, see Sheaths, synovial
so-called shortening of (Hermann) 8, 214, rep.; (Englemann) 8, 214, rep.; reply to Englemann, (Hermann) 8, 423, rep.
structure (Spina) 8, 162, rep.
and development of (Ranvier) 9, 190-3, rep.
tibialis posterior, primate foot (Lewis) 98, 209-18
Tenrec see *Centetes*, *Ericulus*, *Microgale longicauda*

Tension lines, see Lines, tension

- Teratogenesis, by inhibition of embryotrophic nutrition** (Beck & Lloyd) 100, 928, P. (rat)
- trypan blue, nitrite sensitivity reaction and chemical structure (Metcalfe) 97, 144-5, P.
properties, and of its common contaminants (Beck & Lloyd) 97, 145, P.
on thyro-hypophyseal axis, rat (Christie) 98, 377-84
in relation to maternal mental state see Monsters, cause
- Teratology, *Descriptive catalogue of the teratological series in the museum of the Royal College of Surgeons of England*** (Lowne) 1872. 7, 320-1, rev.
- Précis de tératologie anomalies et monstrosités chez l'homme et chez les animaux* (Guinard) 1893. 27, 428, rev.
- (Taruffi) 29, 465, rep.; (Marchland) 34, 416, rep.
in animals, 42, 135, rep.
and atavism (Rabaud) 39, 496, rep.
experimental, 35, 497-8; 36, 296-7; 38, 360, rep.; 39, 496-501, rep.; 40, 292, rep.
and mythology, 37, 298, rep.
and pathology, 37, 298-9, rep.
- Reports on recent literature (Windle) 25, 433-42; 26, 430-44; 27, 415-27; 28, 370-9; 29, 463-70; 30, 451-64; 31, 450-65; 32, 780-97; 33, 507-28; 34, 410-25; 35, 497-510; 36, 296-308; 37, 298-313; 38, 360-74; 39, 496-512; 40, 292-302; 42, 132-40; 43, 115-26; 44, 96-108
researches (Dareste) 3, 457, rep.
see also Abnormalities, congenital; Variations; Stains and staining, trypan blue; Dyes; Duplicity and under individual names of malformations
- Teratoma, Teratomata, abdominal**, 36, 301, rep.; 39, 506, rep.
in child (Taruffi) 28, 373, rep.
scrotal and extradural, 33, 520-1, rep.
arising from sphenoid, in calf (Windle) 22, 423-34
of basi-sphenoid (Broca) 28, 374, rep.
coccygeal see Coccyx
and double monsters, 44, 96, rep.
experimental production, 36, 296, rep.
(foetus included) in peritoneal cavity, 1 case (Wylie) 34, 415, rep.
gastric, and of hard palate, 32, 786, rep.
induction, experimental, in birds, 32, 781, rep.
in infant, 1 case (Brunker) 34, 416, rep.
intra-abdominal, in stillborn child, 35, 504, rep.
of labium majus, 40, 297, rep.
metanephros in (Nicholson) 66, 138, P. (t.o.)
microcystic, attached to roof of fourth ventricle, male, 12 m. (Nicholson) 69, 133-4, P.
of ovary, 38, 370, rep.
see also Ovary
sacral, on foetus, obstruction of labour, 37, 303, rep.
of testis, in cryptorchid horse (Petit) 39, 506, rep.
- Terms, scientific, *A dictionary of scientific terms*** (Henderson, I.F. & W.D., revised by Kenneth) 3rd ed. 1939. 73, 674, rev.
- Tern, see *Larus carus***
- Testis, *Embryology of the ovary and testis in Homo sapiens and Macaca mulatta*** (Wagenen & Simpson) 1965. 100, 678-9, rev.
- absence, 32, 791, rep.
accessory, in *Rana fusca*, 42, 138, rep.
anatomy (Mihalkovics) 9, 207, rep.
appendages (Murnaghan) 99, 956, P.A.S.A.N.Z.
appendix of (Griffiths) 28, 107-24
effect of ligation of spermatic artery and veins (Griffiths) 30, 81-105 (dog)

Subject Index

Testis, (cont.)

atrophy of, following section of spermatic nerve in rabbits and dogs (Obolensky) 2, 192, *rep.*
 blood-supply (Harrison) 83, 61, *P.*
 blood vessels, effect of section, rat (Morton) 95, 291, *P.*
 cadmium chloride sub-lethal dose, histological effects on, rabbit, rat (Cameron & Foster) 97, 269-80
 effects of cadmium chloride injections into, rabbit (Cameron) 99, 907-12
 Ca'ing whale (*Globiocephalus melaena* Traill) (Morton) 97, 143, *P.*
 cells, Sertoli, uptake of vital dyes and particulate matter by (Clegg & Macmillan) 99, 219-29
 changes in structure in age (50-80 years) (Griffiths) 27, 474-82
 changes in structure in intra-abdominal (Griffiths) 27, 483-500 (*expts. dogs*)
 circulation, arterial, collateral, development, rat (Sprott) 91, 596, *P.*
 chemical constituents of (Tereskin) 6, 471, *rep.*
 descent (Hunter) 59, 87-9, *S.P.*; (Wyndham) 77, 179-88 (*50 human embryos*)
 abnormalities (Beigel) 2, 176, *rep.*
 anomalies (Bryant) 3, 203, *rep.*
 changes in gubernaculum during and after (Backhouse) 91, 609, *P.*
 demonstration specimen (Lockwood) 22, xxvi, *P.*
 down inguinal canal, left, 1 case (Marsh) 32, 216-17
 experimental study (Backhouse) 94, 449, *P.*
 failure, inguinal, bilateral, 38, 370, *rep.*
 imperfect, aspermia, suggested cause (Crew) 56, 98-106
 physiological, nature and cause, part I (Berry Hart) 43, 244-65 (*marsupials*); part II, 44, 4-26
 unilateral failure (Kennedy) 61, 352-5 (*rat*)
 development of, part I (Lockwood) 21, 635-64 (*man, chick, rabbit*); part II, 22, 38-77; part III, descent, 22, 464-77; part IV, descent, inguinal canal, scrotum, spermatic cord, 22, 505-41
 histological, in domestic cat (Scott, M. G. & Scott, P. P.) 91, 590, *P.*
 duplicity, 32, 781, *rep.*
 epididymal obstruction at various levels, comparison with ischaemia, mouse (Baillie) 96, 335-54
 in 2 eunuchoid men (Griffiths) 28, 221-7
 gubernaculum, pig (*Sus scropha*) (Backhouse & Butler) 94, 101-20
 coverings, development (Backhouse & Butler) 92, 645, *P.*
 3 β -hydroxysteroid dehydrogenase in (Baillie & Griffiths) 99, 204, 417, *P.*
 infant, histology (Mitchell) 84, 75, *P.*
 innervation, and of kidney, ureter, epididymis (Mitchell) 70, 10-32
 and of ovary, uterine tube and epididymis (Mitchell) 72, 508-17
 intravital, trypan blue staining, rat (Baxter) 90, 596, *P.*
 Leydig cells, effect of obstruction of epididymus upon (Macmillan) 87, 454, *P.*
 morphology (Barry) 44, 137-48
 nerves (Letzerich) 3, 199, *rep.*
 nuclei, gonocyte, surface areas, changes during development (Sapsford) 97, 492, *P.A.S.A.N.Z.* (*ram, rat, mouse & guinea-pig*)
 in perineo, 1 case, 38, 370, *rep.*
 postnatal, prepubertal, Leydig tissue growth in, observations and histochemistry, mouse (Baillie) 95, 357-70
 scrotal and cryptorchid, transplantation of mouse blastocysts to (Kirby) 97, 119-30

changes, compensatory, unilaterally cryptorchid rats (Clegg) 99, 417, *P.*
 tissue, interstitial, hypertrophy (Goddard) 54, 173-7
 undescended (Woodward) 22, xxi-xxiii, *P. (rabbit)*
 and normal histology (Cooper) 64, 5-27
 undescended associated with uterus and uterine tubes (Rutherford) 64, 121-3, *P.*
 with rudimentary vas deferens and failure of ascent of kidney (Howden) 21, 551-7 (*1 case*)
 right, with hypertrophy of left, in monkey (Sibley) 22, xxiv-xxvi, *P.*
 sarcoma of, associated with uterus in male (hermaphrodite) (Primrose) 33, 64-75
 uptake of ³⁵S DL-methionine, autoradiographs mouse (Glucksmann, Howard, & Pelc) 89, 13-18
 vasa efferentia, ligation, effect, rat (Harrison) 87, 453-4, *P.*
see also Tubules, seminiferous
Testosterone, and orchidectomy, effect on activity of melanocytes (Bischitz & Snell) 92, 643, *P. (guinea-pig)*
Testosterone propionate, effect on mature castrated rhesus monkey (Zuckerman & Parkes) 72, 277-9
see also Hormones
Testudo, cornea in (Lightbody) 1, 39
Testudo geometrica (South African land tortoise) brain, external morphology (Schepers) 72, 535-55
 blood vascular system of (Schepers) 73, 451-95
Testudo graeca (Grecian tortoise) olfactory connexions, secondary (Gamble) 90, 15-29
 repair of carapace in (Gadow) 20, 220-41
see also Reptiles
Tetanus, acidity of nerves in (Ranke, Heidenhain) 3, 470, *rep.*
see also Contractions, tetanic; Excitability
Tetany, nature of, experimental investigations (Ringer & Murrell) 11, 517-28 (*frog*)
Tetrapods, epiphysis, long bones, primitive form in (Haines) 72, 323-43
 forearm movements in (Haines) 80, 1-11
 knee joints in (Haines) 76, 270-301; 76, 228, *P. (disc. only)*
 pronation and supination in (Haines) 80, 226, *P.*
Thalamus, angioarchitecture, rabbit (Schlesinger) 75, 176-96; 74, 537, *P. (t.o.)*
 connections, rat (Le Gros Clark) 67, 204, *P.*
 and cortex, cerebral (Le Gros Clark & Boggon) 69, 142, *P.*
 with projection, thalamostriate, birds (Powell & Cowan) 91, 571, *P.*
 effects of chemical damage to (Fournié) 8, 179-80, *rep. (dogs)*
 function (Nothnagel) 9, 210, *rep. (rabbit)*; (Carville & Duret) 11, 185-6, *rep. (animal expts)*
 and cerebrum (Stirling) 8, 395-6, *rep. (rabbit)*
 after hemidecortication, cat (Waller) 72, 475-87
 cells, residual (Powell) 86, 487, *P.*
 histology, normal, of phalanger (*Trichosurus vulpecula*) (Goldby) 75, 197-224
 in *Notoryctes* (pouched mole) (Fielding) 72, 157-8, *P.*
 optic, two united by mesial surfaces, 31, 457-8, *rep.*
 in phalanger (*Trichosurus vulpecula*) experimental study (Goldby) 77, 195-224
 projections to cerebral cortex, chimpanzee (Walker) 73, 37-93
 of *Tarsius* (Le Gros Clark) 64, 371-414; 65, 174, *P. (t.o.)*
 termination of ascending tracts in, macaque monkey (Le Gros Clark) 71, 7-40
 of *Tupaia minor* (Clark) 63, 177-206; 63, 164, *P. (t.o.)*

- Thalamus, (cont.)**
Thalamus (Primates), Band II, teil 2, Lief. 6) (Feremutsch) 1963. 97, 465, *rev.*
 nucleus, anterior, retrograde fibre degeneration (Powell & Cowan) 98, 579-85 (*rabbit*)
 reticular, cortical, connexions (Carman *et al.*) 98, 587-98 (*rabbit*)
 ventro-basal, correlation between nuclear morphology and somatotopic organization, raccoon (Welker & Johnson) 99, 761-90
- Thalidomide**, metabolic derivatives, and the haemoglobin nitrite sensitivity reaction (Metcalf) 97, 638-9, *P.*
 the nitrite sensitivity reaction and pyridoxine (Metcalf) 97, 308-9, *P. (rat)*
 and the vitamin B complex (Metcalf) 97, 479, *P.*
- Thalium sulphate**, effects of intravenous and intra-arterial injection (Blake) 7, 201-9 (*rabbit*)
- Thebaia**, quaternary ammonium salts, connection between chemical composition and physiological action (Brown) 2, 224-42
- Thebaid**, *The ancient races of the Thebaid* (Thomson & Randall-Maciver) 1905. 39, 513-14, *rev.*
- Theca**, spinal, removal of substances (Howarth) 84, 80, *P. (cat)*
- Theine**, action (Leven) 3, 224, *rep. (animal)*
 on warm- and cold-blooded animals (Bennett) 8, 225, *rep.*
- Theobromine**, action, on warm- and cold-blooded animals (Bennett) 8, 225, *rep.*
- Theorem**, physical, applied to tense membranes (heart valves) (Woods) 26, 362-70
- Thermo-regulation** (Jacobson & Landré) 1, 366, *abs.*
 effects of section of spinal cord and sympathetic (Ischeschichin) 1, 163, *rep.*
 centres in the brain (Walther) 1, 163, *rep.*
- Thiamine pyrophosphatase**, presence in Golgi region of cells of eye (Shanthaveerappa & Bourne) 99, 103-17 (*rabbit*)
 muscles, in *Ornithorhynchus* (Pearson) 60, 152-63
 post-axial region, muscle and nerves, tetrapods (Appleton) part I, 62, 364-400, part II, 62, 401-38
- Thinking**, *see* Thought
- Thiouracil**, methyl, inducing hypothyroidism, and maturation of the central nervous system (Eayrs & Taylor) 85, 350-8
 4-methyl-2-thiouracil, influence on teratogenic activity of hypervitaminosis A (Woollam & Millen) 92, 660, *P. (rat)*
- Thoracic duct**, termination on right side (Watson) 6, 427-8 (*man*)
- Thoracocraniopagy**, 43, 117, *rep.*
- Thoracopagus**, 1 case, *rep.* 30, 457; 35, 501, *rep.*; 40, 297, *rep.*; 43, 118, *rep. (lamb)*
 conjoined twins (Kano) (Livingston) 94, 573-4, *P.*
 lamb, anatomical variations (Berry & Sinclair) 41, 72-82
- Thoracopagus monosymmetros**, with congenital club hand (Forbes) 72, 148, *P.*
- Thoracopagus tetrabrachius**, 44, 97, *rep.*
- Thoracoxiphopagy**, 43, 117, *rep.*
- Thorax**, *Chirurgische Anatomie: Thorax* (Nagy) 1962. 97, 465, *rev.*
A manual of practical anatomy Part II. The thorax and abdomen (Walmsley) 2nd ed. 1939. 74, 146, *rev.*
 asymmetry of skeleton of (Lane) 20, 388-404
 abnormalities (Apert, Schmidt) 31, 459-60, *rep.*
 muscles and ribs, 43, 119, *rep.*
 and sternum (Flesch) 8, 170-1, *rep.*
 inlet, asymmetry in relation to scalenus anticus (anterior) syndrome (Weddell & Falconer) 80, 216, *P.*
 chest, and larynx, in production of falsetto notes (Mandl) 6, 241-2, *rep.*
 linear diameters, continuous measurement, especially in weight-lifting (Davis) 95, 604, *P.*
 measurement of anatomical changes in the course of physical education (Appleton) 74, 140, *P. (disc. only)*
 movements (Ransome) 4, 140-6
 respiratory, measurement at rest and during activity (Davis & Troup) 100, 397-410
 teratological literature (Windle) 34, 413-16, *rep.*; 35, 503-4, *rep.*; 36, 304, *rep.*; 37, 306-7, *rep.*; 38, 367-8, *rep.*; 40, 299, *rep.*
see Muscles, of thorax
- Thorium dioxide**, injections into subarachnoid space, sheep (Jayatilaka) 99, 193-4, *P.*
- Thornback**, common, *see* *Raia clavata*
- Thought**, development of powers of, correlated with development of brain, in vertebrates (Byrne) 9, 97-117
 theory, experimental (Watt) 40, 257-66
- Throat**, epithelium of (Foster) 3, 394-400 (*frog*)
- Thrombocytes**, *see also* Cells, blood
- Thrombosis**, popliteal, (Wilde) 84, 74, *P.*
 venous, and collateral circulation in the lower limb (Mavor) 92, 670-1, *P.*
- Thrush**, *see* *Turdus*
- Thumb**, *see* Pollex
- Thylacinus**, tooth, 4000 years old, from D. J. Mulvaney's archaeological excavations at Fromm's Landing, Lower Murray River (Macintosh) 98, 491, *P.A.S.A.N.Z.*
- Thylacinus cynocephalus or harrisi**, nerves of fore limbs of (Cunningham) 12, 427-33
 intrinsic muscles of the hand of (Cunningham) 12, 434-44
 spinal and regional nerves of hind-limb of (Cunningham) 15, 265-77
- Thymidine**, tritiated, incorporation by epithelial cells of duodenum and seminal vesicle (Rogers) 94, 293, *P. (mouse)*
 for investigation of blood vessels to enamel organ of rat incisor (Adams & Main) 97, 148, *P.*
 tritium-labelled, uptake by lymphoid tissue (Yoffey, Reinhardt & Everett) 95, 293-9 (*guinea-pig*)
 and lymphocyte production (Yoffey, Everett & Reinhardt) 93, 567, *P. (guinea-pig)*
- Thymocytes**, fate in young adult guinea-pigs and rats (Adams) 100, 422, *P.*
- Thymus**, in birds (Lewis) 38, 312-24
 cell-free, extracted, effect on X-irradiation-induced leucopenia in young rats (Bridges & Camblin) 98, 295-6, *P.*
 developing, ultrastructure (Craigmyle) 99, 202-3, *P. (mouse)*
 effects of large doses of cortisone on (Field) 90, 428-39 (*rabbit*)
 effect of hypophysectomy on, rabbit foetus (Bearn) 94, 284, *P.*
 of *Lacertilia* (Adams) 74, 57-71
 lymph drainage, especially extrinsic vessels guinea-pig (Harris & Templeton) 100, 694, *P.*
 shielding, effect on bone marrow in irradiated guinea-pig (Adams) 99, 208-9, *P.*
- Thymus II**, so-called, of birds, embryology (Scothorne) 91, 12-24 (*gannet, black-headed gull, moorhen, pigeon, thrush, blackbird*)

Subject Index

- Thyroid, Brain-thyroid relationships, Ciba Foundation Study Group no. 18** (ed. Cameron & O'Connor) 1964. 99, 403, *rev.*
- deficiency, effect on growth of rat skull (Horn & Ford) 95, 131-6
- Thyroid glands, see** Glands, thyroid
- Thyroidectomy**, and light induced oestrus in ferrets (Marshall & Thomson) 91, 599-600, *P.*
- and nitrogen metabolism (Parsons) 35, 476-86
- Thyroxine** and hypervitaminosis A (Millen & Woollam) 93, 566, *P. (rat foetus)*
- Tibia**, aborigine, Australian (Wood) 54, 232-57
- absence, 32, 794, *rep.*
- congenital (Blair) 66, 147, *P. (t.o.)*; 36, 306, *rep.*; (M'Laren) 23, 598-605 (1 case); (Busachi) 27, 422, *rep. (1 case)*
- knee end (Craig & Symington) 12, 419-26 (*child*)
- lower four-fifths, 44, 106, *rep.*
- and polydactyly (Melde) 28, 378, *rep.*
- unilateral (Munro) 39, 510, *rep.*
- muscles of leg in 1 case (Wood) 59, 100-2, *S.P.*
- partial, with triphalangeal thumb, bilateral, 38, 371, *rep.*
- articular surface (geniculate) (Higgins) part I, 29, 574-82; part II, 30, 292-5
- facets, squatting, in Indians (Singh) 93, 540-50
- groove for popliteus muscle (Pasteau) 33, 351 (*ref. only*)
- head, form (Parsons) 41, 83-7
- normal (Hrdlicka) 33, 350, *anat. not.*; 33, ix, *P. (t.o.)*
- predynastic, Egyptian (Derry) 41, 123-30
- Scottish, demonstration of ancient femora and (Bryce) 66, 146, *P.*
- and talus, articular surfaces, influence of posture on (Thomson) 24, 210-17 (*primates and man*); 23, 616-39; 23, xxv, *P.*
- variations (Aitken) 39, 489-91
- upper end, in squatters (Kate & Robert) 99, 137-41
- topographical anatomy (Parsons) 41, ii, *P. (June 1906) (t.o.)*
- Tibiofibula**, vascularization, and of femur, rabbit (Brookes & Harrison) 91, 61-72
- Tibio-tarsus**, of young *Geococcyx californianus* (Shufeldt) 21, 101-2
- Tiger**, suprarenal gland (Osman Hill) 72, 71-82
- Tiliqua scincoides*, heart (Rau) 59, 60-71
- abnormal (Willis) 65, 137-9
- double monster, embryo, 1 specimen (Willis) 66, 189-201
- Tinca vulgaris* (tench) nerve cells in myenteric plexus (Bacsich) 76, 224, *P.*; demonstration, 76, 229, *P.*
- Tissue(s), The tissues of the body** (Clark) 1939. 74, 144-6, *rev.*
- adipose, *Adipose tissue as an organ* (compiled and edited by Kinsell) 1962. 97, 292, *rev.*
- cholinesterases in, histochemical distribution and functional significance (Ballantyne) 100, 931, *P.*
- morphology (Batty Shaw) 36, 1-13; 35, xxi, *P. (t.o.)*
- areolar, cell-elements of (Köllicker) 4, 152-3, *rep.*
- breaking-stress (James) 13, 157-61 (*man, sheep*)
- cavernous, of nasal mucosa, development (Boyd & Harper) 80, 231, *P.*
- chromaffin, abdominal, adrenaline-noradrenaline content (Coupland) 87, 441, *P.*
- development and fate, rabbit (Coupland) 90, 527-37
- distribution, post-natal, guinea-pig, mouse, white rat (Coupland) 94, 244-56
- extra-adrenal, post-natal fate in rodents (Coupland) 90, 597-8, *P.*
- conducting, in heart, *see* Heart conducting tissue
- connective (Thin) 9, 394, *rep.*
- International review of connective tissue research* (ed. Hall) vol. 1, 1963. 99, 184, *rev.*; vol. 2, 1964. 99, 405, *rev.*
- anatomy, with relation to lymphatic system (Thin) 9, 193-7, *rep.*
- bone and cartilage, development, nutrition and relation (Redfern) 32, 96-108; 32, ix, *P. (t.o.)*
- cells (Waldeyer) 9, 394-5, *rep.*
- cervical, relation to septic lesions (Barlow) 70, 548-65
- effect on epithelial development, submandibular gland (Borghese) 84, 303-18
- embryonic, ossification in (Landois) 1, 146, *rep.*
- formation and phosphatase alkaline (Johnson & McMinn) 91, 614, *P. (cat)*
- in glands (Boll) 4, 156, *rep.*
- of kidney, effects of parathyroid hormone and chondroitin sulphate, rat (Fourman) 93, 579-80, *P.*
- mature and developing, cells, fibres and ground-substance of, uptake of radioactive sulphate (Glücksman, Howard & Pelc) 90, 478-85 (*adult mouse*)
- nerve, peripheral, electron microscopy (Thomas) 97, 35-44 (*rabbit*)
- of peripheral nerve, electron microscopy (Gamble & Eames) 98, 655-63; 98, 478, *P. (rat) (dem.)*
- and spinal nerve root, electron-microscopy, comparative, rat (Gamble) 98, 17-25
- relations in health and disease (Redfern) 31, xxxviii, *P. (t.o.)*
- scabs a constituent of (James) 89, 575, *P. (rat)*
- structural pattern of, for the reception of developing organs (Dabelow) 95, 612, *P.*
- structure and development of (Boll) 6, 442, *rep.*
- subperitoneal and subpleural (Anderson & Makins) 24, xix, *P.*
- subperitoneal, planes and extensions of (Anderson & Makins) 25, 78-86
- sulphate, radioactive, distribution and fate in, rat (Davies & Young) 87, 448, *P.*
- traumatic inflammation of (Thin) 10, 447-9, *rep.*
- see also*, names of individual organs
- contactile, physiology (Nasse) 4, 321, *rep.*
- culture, chamber, simple, general purpose (Sharp) 93, 575, *P.*
- growth (Canti) 68, 131, *P.*
- in vitro*, technique (Horning & Richardson) 72, 144-5
- mammalian epidermis in (Hanson) 84, 30-1
- see also* Lymph tissue
- effects of radiation on, *Radium, x-rays, and the living cell: with physical introduction* (Colwell & Russ) 2nd ed. 1924. 59, 448, *rev.*
- elastic, in blood vessels of birds (Pfister) 61, 213-22
- of bone (Renaut) 10, 442, *rep.*
- bronchi and lung (Miller) 40, 162-70; 40, v, *P. (t.o.)*
- eye, birds (Carlier) part I, 40, 15-24; part II, 40, 110-19
- of skin (Dick) 81, 201-11
- embryonic, homografts, rats (Clarke) 94, 578-9, *P.*
- phosphorylase, histochemistry (Grillo) 94, 449-50, *P.*
- erectile, anatomy and physiology in birds and mammals (Legros) 2, 397, *rep.*
- fatty, *see* Pads, fat, synovial
- fibrous, sulphur, radioactive (^{35}S) distribution (Davies & Young) 88, 174-83 (*rat*)

Subject Index

Tissue(s), (cont.)

- ganglionic, between longitudinal and circular muscle of the bowel (Hunter) 67, 210, *P. (dem. & disc.)*
- granulation, giant cells of (Creighton) 13, 183-4
- resorption of, during free and limited contraction of skin wounds (James & Newcombe) 95, 247-55 (*rabbit*)
- heterotopic, examples (Nicholson) 63, 160, *P.*
- histological preparation of (embedding, etc.) (Webster) 25, 278-81
- homogenized, effect on explanted chick embryo (McKenzie & Donald) 97, 307, *P.*
- homologous, and lymph node, immune, interaction, *in vitro* studies (Scothorne & Nagy) 94, 454, *P. (mouse)*
- Leydig, growth of, in postnatal prepubertal mouse testis, observations and histochemistry (Baillie) 95, 357-70; 97, 647, *P.*
- living, sodium sulphindigotate relation to (Gerlach) 10, 657, *rep.*
- a perfusion-chamber, drawing-reflector and circulation stage for microscopy of (Reeves) 11, 403-5
- lymphoid, *see* Lymph
- metabolism, influence of respiration on (Pflüger) 11, 567, *rep.*
- effect of stimulation of retina on (von Platen & Pflüger) 11, 191-2, *rep. (rabbit)*
- see also*, Tissue reaction
- micro-organism relation (Woodhead and Hare) 20, 76-99
- mineralized, application of scanning electron-probe x-ray microanalyser to (Boyde, Switsur & Fearnhead) 95, 449, *P.*
- nervous, correlated changes in (Brodal) 80, 88-93
- autonomic, in right atrium (Meyling) 83, 66-7, *P.*
- proteinates, silver, staining (Peters) 93, 177-94
- nutrition of, by blood (Beale) 2, 192-3, *rep.*
- preservation of colour of, a new method (Bendall) 14, 495-510
- proliferating, *Dynamics of proliferating tissues* (edited by Price) 1959. 94, 279, *rev.*
- reaction to chemical damage to *Actinia mesembrianthemum* and parasites, part I (Hollis) 6, 381-94; part II, 7, 80-93; part III, 8, 120-6 (*leech and amphibians*)
- respiration in, experiments (Bert) 5, 218-21, *rep.*
- reticular (Spalteholz) 31, xxxviii, *P. (t.o.)*; demonstration; 32, xvi-iii, *P.*
- Tit, development of skull in (Parker) 7, 337, *rep.*
- Toad(s), *see* Anura; Xenopus
- Toad, fire, *see*, *Bombinator*
- Tobacco, effects of, on development of eggs (Féré) 29, 464, *rep.*
- in treatment of asthma (Sée) 4, 315-16, *rep.*
- see also* Nicotia, Nicotine
- Tobacco-smoke, composition (Heubel) 8, 226-7, *rep.*
- effects on intestinal movements (Basch & Oser) 8, 226, *rep. (expts)*
- hydrocyanic acid in (Poggiale & Marty) 5, 391, *rep.*
- Todas, *Anthropology of the Todas and Kotas of the Nilgiri Hills, and of Brahmans, Kammāḍans, Pallis and Pariahs of Madras City* (Thurston) 1896. 30, 584-5, *rev.*
- Todus, osteology (Murie) 7, 337, *rep.*
- Toes, congenital absence of, bilateral (Brown) 15, 448-51, *anat. not.*
- of one or more, *see* Ectrodactyly
- fifth, bifid, bilateral, 37, 310, *rep.*
- duplicity, 1 case (Pitzner) 34, 423, *rep.*
- hypertrophy, congenital, 40, 301, *rep.*
- relative lengths of first and second (Skinner) 66, 123-4

- supernumerary, in cat (Wilder) 1, 368, *abs.*
- in cow (Goodman) 2, 109-13
- and fingers, in same case (Kuhnt) 7, 332, *rep.*
- (7) in man (Harrower) 60, 106-9
- see also* Ectrodactyly; Hallux, Hyperphalangy
- 'Toeing-in' (McKenzie) 87, 463, *P.*
- Tolypeutus conurus* (three-banded armadillo) anatomy of (Murie) 9, 405, *rep.*
- Tomography, in the teaching of radiological anatomy (Simon) 73, 357, *P.*
- Tone, vasomotor, and temperature of paralyzed limbs (Putzeys & Tarchanoff) 9, 409-11, *rep. (dog, frog, duck)*
- Tongue, bifid, 36, 304, *rep.*
- blood stream, in mice, (Vonwiller) 61, 519, *P. (dem. only)*
- canary, histology (Barrett) 25, iii, *P. (SMS) (t.o.)*
- of chimpanzee (Humphry) 1, 254-68
- defect, 44, 99-100, *rep.*
- development, in double-bodied monster (Cleland) 8, 250-60 (*cat*)
- displacement, respiratory, with hyoid bone and larynx (Mitchinson & Yoffey) 81, 118-20; 80, 243, *P.*
- evolution (Sonntag) 60, 472, *P. (disc. only)*
- of *Fiber zibethicus* (muskrat) (Tuckerman) 22, 135-41
- of fowl, vocal function of articulation (Hollis) 35, 413-15
- innervation, motor (Weddell, Harpman, Lambley & Young) 74, 255-67 (*rat, rabbit*); 73, 673, *P. (dem.)*
- proprioceptive, rabbits (Carleton) 72, 502-7
- malformation, unusual (MacConaill) 69, 130, *P.*
- in mastication and deglutition (Abd-el-Malek) 89, 250-4
- morphology (Abd-el-Malek) 73, 201-10
- movements, *see* Movements
- muscles (Hesse) 10, 443, *rep.*
- intrinsic (Harpman, Lambley & Weddell) 73, 671, *P. (disc. only)*
- of Nestor (Garrod) 8, 177, *rep.*
- papillae (Lovén) 3, 242, *n. (frog, calf, man)*; 3, 451, *rep. (frog)*
- filiform, structure and histochemistry, rat (Cane & Spearman) 100, 691, *P.*
- in snoring (Whillis) 81, 371, *P.*
- speech and taste after excision of (Syme) 1, 165, *rep.*
- structure of style, dog (Scott) 14, 288
- of *Vulpes vulgaris* (common fox) (Tuckerman) 23, 201-5
- Tonograph, recording movements of frog's heart with (Roy) 13, 124-5, *rep.*
- Tonsils, functions (Fox) 20, 559-64
- nasopharyngeal, description (von Luschka) 2, 398, *rep.*
- nerve supply (Boyd) 84, 79, *P. (man, pig, dog, shrew, rabbit)*
- palatine, anatomy (Hett & Butterfield) 44, 35-55; (Hett) 44, i, *P. (t.o.)*
- surgical (Browne) 63, 82-6; 61, 503, *P. (t.o.)*
- pharyngeal of sheep (Hill) 24, xiv, *P.*
- relation to arteries, facial and external carotid (Robinson) 34, xxxi-ii, *P. (May 1900)*
- surgical anatomy (Browne) 61, 503, *P. (t.o.)*; 63, 82-6
- Toolmaker, *Man the toolmaker* (Oakley) 1949. 84, 324, *rev.*
- Tooth germs, *see* Germs, dental
- Topography, of cortico-spinal tract (Sherrington) 23, xvii, *P. (monkeys)*
- cranio-cerebral (Cunningham) 22, xiii-xiv, *P.*; (Horsley) 1892. 27, 288-9, *rev.*; (Anderson & Makins) 23, 455-65; 23, xi-xii, xiii-xvi, *P.*; (Jenkins) 39, 462-70; 39, xiii-xiv, *P.*

Subject Index

- Torpedo**, electrical discharge (Marey) 6, 475, *rep.*
electrical plates (Boll) 8, 392, *rep.*
- Torques**, elbow, degree developed in pronation and supination of right hand (Salter & Darcus) 86, 197-202
maximum, development in pronation and supination of the right hand (Darcus) 85, 55-67
- Torres Straits** (Island of Mer) 2 skulls from (Cunningham) 29, xviii, *P.*
- Torsion**, *La torsion tibiale* (Dupuis) 1951. 86, 80-1, *rev.*
see also Movements
- Torticollis**, congenital, 1 case (Gallavardin & Lavy) 39, 504, *rep.*
- Tortoise**, double-headed, behaviour, 33, 514-15, *rep.*
young, bones of sternum of (Gray) 8, 177, *rep.*
see Periphyllus testudo; Testudo; Reptilia
- Torus mandibularis**, in the Bushman (Drennan) 72, 66-70
- Touch**, sensibility in man (Vierdordt) 5, 210, *rep.*
see also, Tactile sense
- Toxicology**, *Lehrbuch der Experimentellen Toxicologie* (Hermann) 1874. 9, 248, *rep. (notice)*
- Toxins**, experimental pathological studies on physiological action of, and medicinal substances (Vulpian) 10, 654, *rep.*
- Trabeculae**, carneae (MacConaill) 65, 178, *P. (t.o.)*
iliac crest, microradiography (Wood) 100, 435, *P.*
subarachnoid, structure of (Key & Retzius) 9, 198-201, *rep.*
of *Tatusia* (Fawcett) 59, 62, *S.P. (t.o.)*
- Tracers**, radioactive, gland, pineal, uptake (Reiss, Badrick & Halkerston) 83, 81, *P.*
 P_{32} , fate of intra-neural injections resolved by (Brierley & Field) 84, 61-2, *P.*
- Trachea**, diverticulum, true congenital, also right aortic arch in same subject (Stibbe) 64, 62-6; 63, 162, *P. (t.o.)*
effects of irritant vapours on respiratory movements of (Knoll) 9, 233, *rep.*
innervation, intrinsic (Fisher) 98, 117-24 (*rat, guinea pig, monkey, man*)
and innominate artery, anomalous relationship, and review of literature (Cairney) 59, 292-6
and larynx, relation of to vertebral column in foetus and child (Symington) 19, 286-91
malformation, in a horse (Smith) 19, 24-6
movements (Schroetter) 8, 203, *rep.*
mucosa, blood supply, comparative study (Hughes) 99, 215, *P. (dem.)*
muscles and rings, *Gallus domesticus* (McLelland) 99, 651-6
nerve endings, primates (Fisher) 97, 300, *P.*
rings and muscles, *Gallus domesticus* (McLelland) 99, 651-6
trifurcation (Chiari) 26, 438, *rep.*
- Tracings**, cardiographic, in bifurcation of manubrium sterni (Clarke & Douglas) 37, 41-5
demonstration to large audiences (Colquhoun) 38, 293-4
- Tract(s)**, afferent, and efferent, cortical projections of (Ferrier & Turner) 31, 627-9
central nervous, extralemniscal (Bowsher *et al.*) 97, 151-2, *P. (cat)*
alimentary, *see* Canal, alimentary
ascending, of spinal cord of *Lacerta viridis* (Goldby & Robinson) 95, 451, *P.*
termination, in the thalamus of macaque monkey (Le Gros Clark) 71, 7-40
biliary, alkaline phosphatase (Jacoby & Martin) 85, 391-400 (*rabbit, dog, guinea-pig*); (Ford) 92, 447-52
cerebrospinal (Fraser) 24, ii-iii, *P. (rat, mouse, guinea-pig)*
abnormalities (Elliot Smith) 41, 231; 41, iv, *P. (June 1906) (t.o.)*
cord, spinal, elephant (Verhaart) 97, 152, *P.*
in coypu rat, *Myocastor coypus* (Goldby & Kacker) 97, 517-31
degeneration after injury, cat (Glees) 80, 229-30, *P.*
secondary, rate, cat (van Crevel & Verhaart) 97, 429-49
experimental study (Glees) 81, 391, *P. (cat, monkey, rabbit)*
and motor cortex of *Echidna aculeata* (Goldby) 73, 509-24
origin (van Crevel & Verhaart) 97, 495-515, (*cat*)
sclerosis [degeneration] of (Dreschfeld) 15, 510-18
uncrossed, lateral, higher Primates (Fulton & Sheehan) 69, 181-7
cortico-spinal, topography of (Sherrington) 23, xvii, *P. (monkeys)*
digestive, *see* Canal, alimentary
efferent and afferent, cortical projections of (Ferrier & Turner) 31, 627-9
genital, changes following ligation of gonadal blood supply (Morton) 92, 671, *P.*
gastro-intestinal, *see* Canal, alimentary
female, development (MacConaill) 71, 154, *P.*
in the female rat kangaroo (Berry Hart) 42, 40-9
maturation, some factors influencing, female kitten (Scott) 89, 565, *P.*
genito-urinary, *Congenital malformations of rectum, anus, and genito-urinary tracts* (Stephens) 1963. 98, 281, *rev.*
intestinal and peritoneum, monotremes (Mackenzie) 51, 278-92
mamillo-tegmental, quantitative study (Powell, Guil- lery & Cowan) 91, 419-37
mamillo-thalamic, quantitative study (Powell, Guil- lery & Cowan) 91, 419-37 (*cat, man, monkey, rabbit, rat*)
origin, rat (Powell & Cowan) 88, 489-97
nerve, *Illustrations of the nerve tracts in the mid and hind brain, and the cranial nerves arising there- from* (Bruce) 1892. 27, 286-8, *rev.*
see also Radiations
olfactory, connexions, secondary, in monkeys (*Macaca* & *Papio*) (Allison & Meyer) 84, 63-4, *P.*
optic, connexions with brain (Elliot Smith) 63, 164-5, *P.*
subcortical, ferret, special reference to gonadal activation by retinal stimulation (Jefferson) 75, 106-34
terminations, Marchi preparations showing, rat (Clark) 66, 138, *P.*
see also System(s) visual
projection, cortico-striate, rat (Webster) 94, 288, *P.*; 99, 329-37
stereoscopic, principles (Todd) 60, 473, *P.*
thalamic, upon telencephalon in *Lacerta viridis* (Powell & Kruger) 94, 528-42; 94, 451, *P.*
thalamo-cortical, elicited by tactile stimulation of face, cat (Darian-Smith *et al.*) 98, 495, *P.A.S.A.N.Z.*
thalamofrontal, degeneration caused by lesion, 1 case (Stern) 76, 302-7
thalamostriate, connexions with corpus striatum and thalamus, birds (Powell & Cowan) 91, 571, *P.*
pyramidal, *see* Tract, cerebrospinal
reproductive, *see* Organs, genital
respiratory, upper, paranasal sinuses and guttural pouches, Marco resin cast, horse (Tompsett) 98, 298-9, *P. (dem.)*

Subject Index

- Tract(s), (cont.)**
 salivatory, and bundle, olivo-cochlear of Rasmussen (Shute) 91, 585, *P. (cat, deer, man, pig, rabbit, rat)*
 sensory, experimental location of, in spinal cord (Nawrocki) 7, 177, *rep. (animals)*
 localisation, in spinal cord (Schiff) 7, 341-2, *rep. (man, dog, cat)*
 solitary, spinal projection from nucleus (Torvik) 91, 314-22 (*cat*)
 spinal, ascending and descending, quokka (*Setonix brachyurus*) (Blumer) 97, 490, *P.A.S.A.N.Z.*
 spinothalamic (Bradley) 100, 944, *P.A.S.A.N.Z.*
 in *Ateles* ('spider' monkey) (Chang & Ruch) 81, 150-64
 termination, man (Bowsher) 90, 600, *P.*
 tecto-reticular (brain stem), cat (Pearce & Glees) 90, 599, *P.*
 tectospinal, and other descending tectal tracts, cat (Pearce & Glees) 87, 443, *P.*
 crossed, termination in spinal cord, cat (Pearce & Glees) 90, 565-6
 trigeminal, dorsal, rhesus monkey (Carpenter) 91, 82-90
 urinary, congenital defects, treatment (Thompson) 59, 34-5, *S.P.*; (Thompson) 72, 140, *P.*
 upper, congenital abnormalities, incidence (Thompson) 48, 280-6
 clinical anatomy (Thompson) 66, 134, *P.*
 surgical anatomy (Thompson) 60, 475, *P.*
 urogenital, *see* Organs, genito-urinary
- Tractotomy**, intramedullary, brain stem changes (Erskine) 81, 381, *P. (t.o.)*
 midbrain, degeneration of ascending and descending fibres, man (Glees, Oppenheimer & Bailey) 84, 64, *P.*
- Tragopan**, horned, *see Cerionis satyra*
- Tragus**, placenta (von Kolliker) 14, 374-5, *abs.*
- Transferase**, uridine diphosphate glucose-glycogen glucosyl, activities in myometrium, effects of oestrogen, progesterone and relaxin, mice (Hall) 99, 926, *P.*
- Transfusion**, blood, fever after (Liebrecht) 9, 247, *rep.*
 of heterogeneous blood (Landois) 9, 416, *rep.*
 effects (Ponfick) 10, 210-11, *rep. (frog, rabbit)*
 or haemolysed, effects (Jakowicki) 10, 211-12, *rep. (dog)*
 intra-peritoneal, and fate of absorbed blood (Hunter) 21, 138-52, 21, 264-88, 21, 450-72 (defibrinated blood)
- Transglycosylase**, activities in myometrium, effects of oestrogen, progesterone and relaxin, mice (Hall) 99, 926, *P.*
- Transmission**, neural, of herpes and rabies (Field) 85, 411-12, *P.*
- Transmutation**, of vertebrae, lumbo-sacral region, in 510 women (Young & Ince) 74, 369-73
- Transparencies**, stereo colour, as an aid to embryology (Morton) 91, 589, *P.*
- Transplantation**, *Endocrine tissue transplantation* (Brooks) 1962, 98, 137, *rev.*
 tissue, *CIBA Foundation Symposium on Transplantation* (ed. by Wolstenholme & Cameron) 1962, 97, 467, *rev.*
see also Grafts
- Transposition**, caecum and appendix, 43, 122, *rep.*
 of great vessels (Durante) 34, 419, *rep.*
 with defect of ventricular septum (Thiele) 36, xli, *P.*; 44, 101, *rep.*
 foetus, man (Keene) 59, 17-18, *S.P.*
 heart, corrected (Stibbe) 71, 139, *P.*
 heart, partial (Boyd) 71, 155, *P.*
- partial, abdominal organs (Compton) 66, 153, *P.*
 mesogastric viscera, 1 case (Brash & Stewart) 54, 276-86
 of sigmoid colon (Low) 36, 421, *A.U.A.A.S.*
 of all organs of thorax and abdomen (Thane) 22, xii, *P.*
 viscera (Koller) 34, 411-12, *rep. (1 case)*; 37, 300, *rep.*; 38, 363, *rep.*; 39, 499, *rep.*; 40, 294, *rep.*; 42, 135, *rep.*; 43, 121, *rep.*; (Rahman) 51, 304-7; 51, 14, *P. (Dec. 1916) (t.o.)*
 abdominal (Pan) 60, 202-6
 associated with abnormal position of heart and great vessels (Stokes) 43, 301-7
 complete, with 1 case (Fitzgerald) 93, 570, *P.*
 and congenital atresia of pulmonary artery (McCrae) 40, 28-33
 with hydrocephalus (Lamoureux) 34, 412, *rep.*
- Transudation**, occurrence and function of, in animal organism (Pacini) 9, 416, *rep.*
- Trapezium**, epiphysis of (Gruber) 10, 440, *rep.*
 os styloideum attached to, 2/564 cases (Collective Investigation) 28, 65
- Trapezoid**, anomalous (Partridge) 57, 378-9
 divided, and divided hamates, 1 case (Partridge) 59, 60-1, *S.P.*
- Trauma**, intra-uterine, response, experimental (Packer) 98, 490, *P.A.S.A.N.Z. (rat)*
- Treacher Collins syndrome**, anatomy and embryology (McKenzie) 89, 558, *P.*
- Tread**, foot and tread index, comparative study (Harrower) 58, 285-98
- Tree**, bronchial, *see* Bronchus, bronchi, and Tubes, bronchial
- Trematodes**, *Distomum clavatum* from stomach of *Ixophias gladius* (Cobbold) 2, 406, *rep.*
 observations on (Willemoes-Suhm) 6, 449, *rep.*
- Triangle**, gnathic, inferior, significance in modern and fossil man, the anthropoids and lower mammals (Cameron) 67, 318-30
 superior, man, anthropoids and lower mammals (Cameron) 65, 122-36
- Tribes**, of East Equatorial Africa (Rose) 36, 93, *A.U.A.A.S.*
- Tribesmen**, special senses of (Curran) 21, 558-70
- Trichechus** (walrus) cervix uteri, duplicity (Cleland) 34, 159-62
- Trichenus rosmarus**, size of erythrocyte in (Gulliver) 9, 392, *rep.*
- Trichinae**, natural occurrence of (Key) 3, 243-4, *n.*
- Trichina spiralis**, in muscles of rat (Stirling) 6, 425-6
- Trichloracetic acid**, action (Tomaszewicz) 9, 448, *rep.*
- Trichobatrachus**, hair-like processes of integument (Burne) 44, i, *P. (dem.)*
- Trichosurus vulpecula**, possum, brush-tailed, duodenum, vascular patterns, intrinsic (Perrott) 100, 945, *P.A.S.A.N.Z.*
 innervation of muscle spindles in, special reference to motor nerve endings (Jones) 100, 733
 motor area of cerebral cortex and its connexions (Goldby) 74, 12-33
 peritoneal reflexions (Parrott) 99, 955-6, *P.A.S.A.N.Z.*
 thalamus, normal histology (Goldby) 75, 197-224
 experimental study (Goldby) 77, 195-224
 urogenital system, development, part I (Buchanan, Fraser & Hill) 53, 35-95; part II (Fraser) 53, 97-129
 visual system (Packer) 75, 309-29
- Trichrome methods**, *see* Stains and staining
- Tricuspid valve**, *see* Valves, of heart, tricuspid
- Trigone**, of bladder, development and termination of mesonephric ducts (Monie) 80, 244-5, *P.*
 mesodermal tumour in sixth-month female foetus (Harris) 60, 329-34

Subject Index

- Triolein**, absorption from small intestine of rat (Hewitt) 87, 455, *P.*
- Triorchidism**, 43, 117, *rep.*
- Tri-ortho-cresyl phosphate**, poisoning, degeneration pattern in central nervous system produced by, cat (Patangia) 97, 644-5, *P.*
- Triplets**, common placenta, 1 alive, 1 acardiac, 1 foetus papyraceous, 38, 365, *rep.*
 one acardiac, acephalus omphalositicus (Gladstone) 39, xxv-xxvi
 one normal male and thoracopagus female double monster (Thompson) 34, 415, *rep.*
 sheep foetuses, ossification patterns in, 10 sets, and of twins, 55 sets (Smith) 90, 581, *P.*
 single placentae (Watson) 39, 501, *rep.*
 uniovular, 37, 302, *rep.*
see also, Pregnancies, multiple
- Triquetral and lunate bones** (M'Connell) 41, 301-3 and fusion, Australian aboriginal (Smith) 42, 343-6 bilateral, 38, 372, *rep.*
- Triton cristatus** (newt), head muscles, development (Edgeworth) 36, 209-52
- Triton taeniatus**, pronephric duct in (O'Connor) 73, 145-54
see also Anuran embryos
- Trochanter**, archaeologica anatomica (Macalister) 35, 269-70
 gluteal, in man (Treves) 21, 325-7
 3rd, in man (Dwight) 24, 61-8
 ossification of (Dixon) 30, 502-4
 position, expt. rabbit (Appleton) 59, 90-1, *S.P.*
- Troglodytes niger**, muscles and nerves (Champneys) 6, 176-211
- Troglodytes schweinfurthii**, cranium studies on (Giglioli) 7, 334, *rep.*
- Trophic lesions** (Fischer) 6, 222, *rep.*; (Schiefferdecker) 6, 222, *rep.*
- Trophoblast(s)**, and attachment of blastocyst to endometrium (Glenister) 98, 470, *P.*
 development, early, in South American monkeys (Hill & Sansom) 59, 77, *S.P.*
 and endometrium, interaction, at implantation, sheep (Amoroso) 85, 428-9, *P.*
 giant cell, *Galago senegalensis senegalensis* (lesser bush baby) (Butler) 94, 578, *P.*
 from implanting blastocysts and early placentae, behaviour in organ culture, rabbit (Glenister) 95, 474-84
 ingrowth into villi, human placenta (stromal trophoblastic buds) (Boyd & Hamilton) 98, 470, *P.*
 mesoderm, modulating influence (Glenister) 93, 586-7, *P. (rabbit)*
- Tropinodatus**, *see* Snake
- Trout**, monsters, double, embryos (Gemmell) 39, 502, *rep.*
 river, development of ova in (Oellacher) 7, 174, *rep.*
 tailless, of Islay, notes on (Traquair) 6, 411-16
- Truncus arteriosus**, persistent, 1 case (Davison) 69, 423-6
- Trunk**, measurements, interrelationship, and relation to stature (Downes) 48, 299-314
 movements, when lifting, cyclophotography (Davis & Troup) 98, 475-6, *P.*
 and neck, homology (Kohlbrugge) 33, 351 (*ref. only*)
 nerve, development of a compensatory collateral circulation to (Blunt & Stratton) 90, 508-14 (*rabbit*)
 sympathetic, anatomy (Wrete) 93, 448-59
 blood-supply, arterial in man (Patterson) 83, 79-80, *P.*
 rostral extremities (Mitchell) 86, 492, *P.*
 pulmonary, *see* Artery, pulmonary; Vessels, great
- rotation of (Volkman) 7, 329, *rep.*
 influence on anatomy of inguinal canal (Parry) 99, 423, *P.*
 thyrocervical, variation of branches of (544 specimens) (Collective Investigation, Anatomical Society) 26, 77-80; 26, vi
- Trypan blue**, toxicity, observations (Beck) 95, 614, *P. (rat)*
 injection, cardiac abnormalities in offspring of rats (Christie) 95, 614, *P.*
 storage, in heart valves, rabbit (Harper) 77, 140-8
 teratogenic action (Beck & Lloyd) 97, 622, *P. (rat)*
 teratogenic effect, influence of thyroid status (Christie) 99, 924, *P. (rat)*
 on thyro-hypophyseal axis, rat (Christie) 98, 377-84
 transport of, by seminiferous tubules of rat testis (Macmillan & Clegg) 95, 615, *P.*; Observations, 95, 615, *P.*
see also Dyes; Stains & staining
- Trypsin**, compared with bacterial enzymes (Kühne) 13, 204, *rep.*
 and euzym (Kühne) 11, 560-1, *rep.*
- Tryptophan**, deficiency of, and histological changes in the liver (Cole & Scott) 85, 420, *P. (adult rat)*
- Tuatara**, *see* Hatteria; *Sphenodon punctatum*
- Tube(s)**, bronchial, and bronchi, *The anatomy of the bronchial tree* (Brock) 1946. 81, 121, *rev.*
 digestive, *see* Canal, alimentary
 endoneurial, fate during Wallerian degeneration (Thomas) 97, 476, *P.*
 neural, anterior end, and anterior end of the body (Dart) 58, 181-205
 'open', hypothesis, fallacy (Keen) 93, 585-6, *P.*
 pharyngotympanic, anatomy (Rüdinger) 2, 400, *rep.*
 closure (Rüdinger) 8, 187, *rep.*
 early formations of, and middle ear (Frazer) 57, 18-30
 functions (Rumbold) 8, 187, *rep.*
 mechanism of opening (Yule) 8, 127-32, *man, sheep*; (Jago) 3, 341-8
 physiology and pathology of (Moos) 9, 220, *rep.*
 swallowing and (Cleland) 3, 97-103
- sarcolemmal**, and regeneration of muscle, electron microscopy (Allbrook) 96, 137-52 (*mouse, rabbit*)
- uterine**, abnormalities (Voll) 26, 436, *rep.*
 absence, and uterus, 42, 138, *rep.*
 and ovary, congenital, unilateral, 38, 369, *rep.*
 with absent vagina, 1 case (Ullrich) 34, 421, *rep.*
 right, 63, 121, *rep.*
 anomalous, 43, 121, *rep.*
 atresia, with absent vagina and supernumerary ovary (Civette) 34, 421, *rep.*
 congenital malformation of (Stewart) 2, 243-5
 imperfect development, 43, 122, *rep.*
 in inguinal canal, 2 cases (Wiart) 34, 421, *rep.*
 of *Cervus eldi* (Sutton) 24, xv-xvi, *P.*
 herniation, 33, 521, *rep.*
 innervation, and of ovary, testis and epididymis (Mitchell) 72, 508-17
 junction with uterus, sow (Rigby) 99, 416, *P.*
 ligation, unilateral, mating after, rats (Young) 88, 561, *P.*
 of *Macacus rhesus* (Sutton) 24, xv-xvi, *P.*
 of Weber, and pancreas of osseous fish (Legouis) 7, 338, *rep.*
- Tubercles**, genial, on mandible, association with faculty of speech (Thomson) 50, 43-74
 giant cells of, comparative pathology (Turner) 24, 517-26

Subject Index

Tubercles, (cont.)
intercolumnar, *see* Organ, subforaminal
olfactory (C.N.S.) of *Phocaena phocaena* (Breathnach) 87, 96-113; 86, 494, P.
postglenoid (West) 66, 142, P. (t.o.)
quadrate, of femur (Stuart) 26, v, P.
of femur (Sunderland) 72, 309-12, *anat. not.*
supracondylar, femur, 286 specimens (Nadgir) 51, 275
and attachment of gastrocnemius muscle to femoral diaphysis (Stopford) 49, 80-4
tibial (Lewis) 92, 587-92
of zygomatic bone, orbital surface, and attached structures (Whitnall) 45, 426-32
Tuberculosis, bovine, in man (Creighton) 15, 1-59; 15, 177-216
laryngeal (Doleris) 13, 414-23, *abs.*
pulmonary (Grancher) 13, 414-23, *abs.*
testicular (Gaule) 13, 414-23, *abs.*
affecting pheasant (Stirling) 13, 92-3
in vertebrates (Sibley) 23, 642-9
Tubifex, structure (McIntosh) 5, 387, *rep.*
Tubipora, structure and formation of polypary (Köllicker) 2, 405, *rep.*
Tubular bone, reaction to venous stasis (Abdalla & Harrison) 100, 627-38
Tubules, dentinal, fibres (MacConaill) 89, 569, P.
in secreting epithelia (Williamson & Pearse) 57, 193-8
of kidneys (Rindowsky) 2, 398-9, *rep.*
renal, alkaline phosphatase in (Baxter) 83, 82-3, P. (rat)
cilia (Carlier) 34, 223-5
development, post-natal, in rat (Baxter & Yoffey) 82, 189-97; 81, 395, P.
see also Kidney
seminiferous, transport of trypan blue by, rat (Macmillan & Clegg) 95, 615, P.; Observations, 95, 615, P.
uptake of indian ink, rat (Macmillan & Clegg) 97, 154, P.
Tumour, in *Anodonta cygnea* (Collinge) 25, 154 (2 cases)
benign, and malignant, in animals (Sutton) 19, 415-75
of placenta (Davies) 81, 395-6, P.
cephalomelus, 1 case, lamb (Davies) 74, 403-5
in children, 25, 441
congenital, of sternomastoid, 33, 518, *rep.*
in an eighth month foetus (Oliver) 21, 571-4
of upper limb, 38, 371, *rep.*
cystic, post-anal, 38, 370, *rep.*
malignant, 36, 301, *rep.*
see also Ovary
embryology, 38, 364, *rep.*
formation, and teratology, 42, 135, *rep.*
of gland interscapular, so called (8 specimens) (Inglis) 61, 452-66
of gum of infant, 32, 788, *rep.*
lymphoid, intrathoracic (Clay) 13, 498-501 (1 case)
malignant, teratological nature, 37, 299, *rep.*
mammary, in axilla (Cameron) 13, 149-53 (3 cases)
mesodermal, in trigone of bladder in sixth-month female foetus (Harris) 60, 329-34
mixed, of oral cavity, *Die Histogenese ekto-mesodermaler Mischgeschwülste der Mundhöhle* (Schürmann, Pfleger & Norrenbrock) 1931. 67, 189, *rev.*
of notochord (?) (Turner) 2, 247-52
in relation to macrodactyly and other forms of congenital hypertrophy (Humphry) 26, 557-67
in mussel, fresh-water (*Anodonta cygnea*) (Williams) 24, 307-8

osseous, cranial frontal region (Duckworth) 45, 140-3
sacro-coccygeal, 43, 123, *rep.*
superficial, found on *Gasterosteus trachurus* (Tait), 4, 12-13
teratological, familial, 30, 451, *rep.*
of umbilical cord, 25, 440-1
see also Cancer, Carcinoma, Encephalocele
Tunica bulbi, innervation (Thurston & Fisher) 99, 419-20, P. (rabbit, guinea-pig)
Tupaia, skeleton, appendicular and axial, of (Mivart) 1, 292-5
skull of (Mivart) 1, 292-5
Tupaia ferruginea, genitalia (Wood Jones) 51, 118-26; 51, 7, P. (June 1916)
Tupaia minor, thalamus (Clark) 63, 177-206; 63, 164, P. (t.o.)
Turbinate, human, *see* Concha, nasal (in dogs, rabbits, horses, etc. this bone is still referred to as the turbinate)
maxillary, *see* Concha, nasal, inferior
Turdus (blackbird), development of skull in (Parker) 7, 337, *rep.*
Turdus merula (common Palearctic blackbird) ovaries and plumage-markings in (Patten) 59, 96-7, S.P.
Turner, Sir William, A tribute, 51, 6, P. (June 1916)
see also Obituary notices
Turpentine, effects on development of eggs (Féré) 29, 464, *rep.*
as antidote to phosphorus poisoning (Currie & Vigier) 5, 392, *rep.* (dog, rabbit)
Tursiops gillii, preliminary description of (Dall) 7, 335, *rep.*
Turtle, leathery, *see* *Dermochelys (sphargis) coriacea*
nasal glands, histological structure (Benson *et al.*) 98, 290, P.
see also Chelonia; Oicopodes
Twins, twinning, The physiology of twinning (Newman) 1922. 58, 88, *rev.*
(Dix, Wilder, Korschelt) 39, 501-3, *rep.*
abnormalities and duplication of organs (Virchow) 26, 432-3, *rep.*
identical of (Windle) 26, 295-9
arrested development (Handyside) 1, 152, *rep.*
anencephalus, and normal calf, 37, 302, *rep.*
conjoined, 1 case, 3, 456, *rep.*; 30, 457, *rep.*
two cases, one human, one bovine (Bacsich *et al.*) 97, 638, P.
autopsy report (Chang and Eng) (Allen) 10, 458, *rep.*
Biddenden maids, Fosscoote twins, Scottish brothers 37, 302, *rep.*
ischiopagus, 1 case (Oag & Drinkwater) 62, 507-11
of Kano (Aird) 88, 562-3, P.
thoracopagus (Livingston) 94, 573-4, P.
(prosorthoracopagus) (Harrison) 80, 245, P.
thoracopagus, full-term (Low) 67, 205, P. (*dem.*)
xiphopagus, female (Jacques *et al.*) 28, 373, *rep.*
see also Craniopagus parietalis; Monsters, double; Pleuropagus; Xiphopagus
dissimilar, coinciding menstruation, 40, 296, *rep.*
and double-formations, classification, 40, 296, *rep.*
duplicitas parasiticus, 31, 457, *rep.*
one foetus in each horn of uterus bicornis, 37, 308, *rep.*
foetal, numerous visceral and skeletal abnormalities (Harker) 9, 182-4, (man), *see also* Monsters.
homozygous, 36, 301, *rep.*
monozygotic, sheep, 33, 513, *rep.*
monster (Handyside) 3, 457, *rep.* (calf)
sheep foetuses, ossification patterns in, 55 sets, and of triplets, 10 sets (Smith) 90, 581, P.

Subject Index

Urine, (*cont.*)

- metastatic excretion of (Cameron) 16, 303, *anat. not.*
- muscarine, effect on secretion (Prevost) 9, 240-1, *rep.* (*cat, dog, rabbit*)
- nitrogen, excretion in (Power) 9, 439, *rep.*
- intake, and output in (Woroschiloff) 8, 205-6, *rep.*
- oxalate of lime (calcium oxalate), quantitative estimation (Schultzen) 4, 181, *rep.*
- oxalic acid in (Fürbringer) 11, 567, *rep.*
- phenol-forming substance in (Kulz) 11, 566, *rep.*
- pigments (Schunk) 1, 161, *rep.*; (Thudicum) 2, 429, *rep.* (Jaffé) 3, 239, *rep.*; (Jaffé) 3, 471, *rep.*; (Jaffé) 5, 226, *rep.*; (Reoch) 9, 176-9; 9, 439, *rep.*
- bile (Jaffé) 3, 238, *rep.*; (Lewin) 9, 440, *rep.*
- cause (Legg) 7, 165 (*rabbit*)
- See also* Urine, bile
- preparation of, from haemoglobin (Hoppe-Seyler) 9, 440-1, *rep.*
- from indigo group, (Niggeler) 9, 439, *rep.*
- spectroscopy (Vierordt) 9, 448, *rep.*
- potassium and sodium secretion of (Böcker & Reinson) 9, 243-4, *rep.* (*dog*); (Bunge) 9, 243, *rep.*
- reaction (Moriggia) 8, 422, *rep.* (*man, other animals*)
- saccharine, chemical examination (Fowler) 9, 241, *rep.*
- See also* Urine, diabetes; Urine, sugar
- salicyclic acid, action on (Fleischer) 10, 650, *rep.*
- secretion (Ustimovitch) 6, 243-4, *rep.*
- after effervescent drinks (Quincke) 13, 246, *abs.* (*man, dog*)
- experiments on (Neisser & Heidenhain) 9, 241, *rep.*
- physiology (Grützner) 10, 650, *rep.*
- action of sympathetic on (Peyrani) 5, 216, *rep.* (*animal*)
- sodium and potassium excretion of (Böcker & Reinson) 9, 243-4, *rep.* (*dog*); (Bunge) 9, 243, *rep.*
- sugar in (Seegen) 6, 466, *rep.*
- copper tests for (Maly) 6, 466, *rep.*
- estimation (Tcherinoff) 2, 181, *rep.*
- see also* Urine, diabetes; Urine saccharine
- sulphates, conjugate, in (van der Velden) 11, 566, *rep.*
- sulphocyanides in (Leared) 4, 181, *rep.*
- sulphur-containing constituents of (Löbisch) 6, 467, *rep.*
- urea, estimation, and alkaline chlorides in potassium iodide containing (Salkowski) 7, 355, *rep.*
- excretion in typhus (Anderson, Keith) 1, 161, *rep.*
- uric acid, estimation (Harcourt) 4, 181, *rep.*; (Stadion) 4, 321, *rep.*
- origin of (Meissner) 3, 239-40, *rep.* (*hen*)
- urobilin in (Esoff) 11, 567, *rep.*
- Urobilin**, and haematoporphyrinuria (Harris) 31, 383-91
- in urine (Esoff) 11, 567, *rep.*
- Urodela*, axial skeleton of (Mivart) 5, 386, *rep.*
- Urodeles*, abnormalities, 40, 295, *rep.*
- Urogenital system**, *see* Systems, urogenital
- Uronemus lobatus* (Traquair) 7, 338, *rep.*
- Urotrichus*, dentition (Mivart) 2, 117-18, *rep.*
- skeleton, appendicular and axial (Mivart) 2, 117-18
- skull of (Mivart) 2, 117-18
- Ursidae*, muscles of limbs of (Windle) 23, 81-9
- Ursus americanus*, myology of (Shepherd) 18, 103-17
- Ursus arctos* L., brain development of (Anthony & Botez) 60, 449-59

- Uterus**, of *Cavia*, after intravital staining with trypan blue (Nicol) 66, 181-8
- after staining with methylene blue (Nicol) 66, 136, *P.*
- contractions (Oser & Schlesinger) 6, 488-9, *rep.*
- in pregnancy (Hicks) 6, 215
- cyclic variations in the vascular architecture in guinea-pig, hormonal analysis (Bacsich & Wyburn) 74, 552-3, *P.*; 74, 139, *P. (disc. only)*
- and embryo (Reichert) 9, 207, *rep.*
- epithelium, *see* Endometrium
- fat distribution in horns of, during the follicular phase of the oestrous cycle and during pseudo-pregnancy (Nicol) 77, 117-18, *P.*
- fatty substances and glycogen in, during oestrous cycle, ferret (Nicol) 73, 362-3, *P.*
- glycogen in relation to blood vessels of (Boyd) 91, 605, *P.*
- fibres, nerve (Fink) 98, 486-7 *P.A.S.A.N.Z. (rat, cow)*
- horn, 'sterile', responses in rat after experimental procedures (Young) 91, 610, *P.*
- infantilis (Ullrich) 34, 421, *rep.*
- innervation, *see* Nerves, of uterus
- lower segment (Wendell-Smith) 100, 941, *P.A.S.A.N.Z.*
- in male (hermaphrodite) with sarcoma of undescended testis (Primrose) 33, 64-75
- masculinus, 1 case, 30, 461, *rep.*
- developmental problems (Zuckerman) 71, 140, *P. t.o.*
- effects of oestrone, Primates (Zuckerman & Parkes) 70, 323-30
- so-called, development, rabbit (Carr) 86, 472, *P.*
- structure, various Primates (Zuckerman & Parkes) 69, 484-96
- mast cell population and wound healing, rat (Donaldson *et al.*) 100, 940, *P.A.S.A.N.Z.*
- membrane, nerve-ending in (Chrtschschonovitch) 6, 435-6, *rep.* (*human, bitch*)
- movements (Ezn) 6, 242-3, *rep.*
- in non-pregnant (van der Warker) 10, 654, *rep.*
- reflex (Schlesinger) 8, 214, *rep.*
- non-pregnant, normal, lymphatic system (Leopold) 8, 391-2, *rep.* (*human & animal*)
- nerves of, *Die Nerven der Gebärmutter und ihre endigung in den glatten Muskelfasern* (Frankenhauser) 1867. 2, 389-90, *rev.*
- innervation (Scherschewsky) 8, 423, *rep.*
- nerve centre (Schlesinger) 8, 403, *rep.*
- ovaries, vagina, absence, cow, 43, 121, *rep.*
- placental area, *post partum* appearance of (Turner) 10, 433-4 (*cat*)
- position (Pansch) 10, 456, *rep.*
- post-partum*, vascular pattern (Young) 90, 596, *P.*
- repair, and associated appearances in the ovaries, guinea-pig (Nicol) 68, 144-5, *P.*
- pregnant, 2 (Low) 59, 43, *S.P. (t.o.)*
- of *Chiromys madagascariensis* and *Tarsius spectrum* (Burne) 59, 14-15, *S.P.*
- and foetal membranes of *Orca gladiator* (Turner) 5, 383-4, *rep.*
- glycogen in, in rat (Pritchard) 81, 379-80, *P.*
- of *Hyomoschus aquaticus* (Garrod & Turner) 14, 375
- Loris gracilis* (Hill & Rau) 60, 464, *P.*
- of *Macacus rhesus* (Keith) 34, xlv-xlviii, *P.*
- and non-pregnant, structure of (Friedlander) 6, 438-9, *rep.* (*human, bitch*)
- phosphatase, alkaline rat (Pritchard) 81, 352-64; 81, 379-80, *P.*
- radioactive potassium distribution, rat (D'Silva & Harrison) 86, 488-9, *P.*

Uterus, pregnant (cont.)

- staining, vital, development (Bryce & Nicol) 70, 201, P.
 - quinia, action on (Monteverdi) 6, 498-9, *rep.*
 - regenerative powers (Selye & McKeown) 69, 79-81 (*rat, mouse*)
 - residual sperms in, fate of, mouse (Reid) 98, 492, P.A.S.A.N.Z.
 - secretory activity, sheep (Hadek) 88, 573-4, P.
 - septate, and vagina, 40, 300, *rep.*
 - sperm, labelled, uptake by regenerating epithelial cells, mouse (Reid) 99, 947, P.A.S.A.N.Z.
 - structure (Lindgren) 3, 244-5, *n.*
 - fine, domestic fowl (Johnston *et al.*) 97, 333-44
 - trauma, intra-uterine, response experimental (Packer) 98, 490, P.A.S.A.N.Z. (*rat*)
 - vascular pattern, pregnant, rat (Young) 88, 574, P.
 - weight, after adrenalectomy in spayed immature rats (Harrison) 81, 374, P.
 - variations, bicornis unicollis (Turner) 1, 152, *rep.*
 - bicornis, with twin pregnancy, 37, 308, *rep.*
 - bicornuate, 1 case (Ullrich) 34, 421, *rep.*; (Heinricius) 39, 507, *rep.*
 - pregnancy of (Jaensch) 8, 171, *rep.*
 - congenital absence, review, 33, 521-2, *rep.*; 35, 505, *rep.*; 37, 308, *rep.*
 - with absent upper 2/3rds of vagina, 32, 792, *rep.*; 37, 308, *rep.*
 - congenital malformation (Saxinger) 1, 151-2, *rep.*; (Voll) 26, 436, *rep.*; (Pilliet & Bouclé) 30, 461, *rep.*; 38, 369, *rep.*; 40, 300, *rep.*
 - bifid (Griffon) 30, 461, *rep.*
 - and double harelip, 35, 502, *rep.*
 - 3 cases of differing completeness (Reid) 21, 332-3, *anat. not.*
 - bilocularis, case of (Spaeth) 1, 153, *rep.*
 - didelphys, 37, 308, *rep.*; 42, 136, *rep.*; 43, 117, *rep.*
 - with development failure of vulva and anus (Hewetson) 39, 506, *rep.*
 - and vagina duplex, with failure of ascent of right kidney (Hepburn) 25, 24-30 (1 case)
 - double, 1 case, 30, 461, *rep.*; 33, 522, *rep.*; 33, 354, *rep.*; 38, 369, *rep.*; 40, 300, *rep.*; 43, 117, *rep.*
 - with cloaca, 34, 420, *rep.*
 - and double vagina (Lawrence) 40, xi, P. (*t.o.*); 35, 504-5, *rep.*; 16-year-old girl (Frazer) 59, 99, S.P.
 - prolapse, congenital, 32, 792, *rep.*
 - sacculated, case of (Duncan) 1, 269-274
 - unicornis, 37, 308, *rep.*
 - unicornuate, with absent adnexa, 1 case (Ullrich) 34, 421, *rep.*
 - with absence of right kidney, cat (Robson & Scothorne) 95, 620, P.
 - with vagina duplex [human], case of (Duncan) 1, 269-74
- Utricle**, development, and of the so-called 'middle' or 'median' lobe of the human prostate (Glenister) 96, 443-55
- glands (Haussmann) 9, 207, *rep.*
 - prostatic, mucous membrane (Robin & Cadiat) 9, 397-8, *rep.*
 - origin, man (Glenister) 92, 665-6, P.
 - in spermophile (*Citellus tridecemlineatus*) (Siddiqi) 72, 109-15
 - see also* Macula acoustica
- Uvula**, abnormality, 33, 517-18, *rep.*
- variations (Henke) 33, 354 (*ref. only*)
- Vaccination**, active principle of serum for (Chauveau) 2, 425, *rep.*
- effects of; experiments with supernumerary fingers (Cory) 21, 505-9

- properties of vaccine-virus after exposure to low temperatures (Melsens) 5, 207, *rep. (children)*
 - behaviour in spermatogenesis (*dem. only*) (Parat) 61, 515, P.; 61, 497, P. (*t.o.*)
- Vagina**, carbohydrate components, during oestrogenic stimulation (Biggers) 87, 327-36
- cyst, *see* Cyst, Gartner's
 - changes, cyclical, and in endometrium, in goat (Hamilton & Harrison) 85, 316-24; 85, 433-4, P.
 - clitoris and hymen, development (Hart) 31, 18-28
 - development human (Bulmer) 91, 490-509; (Hunter) 65, 163-4, P.
 - pig (Baxter) 68, 239-50; 68, 143, P.
 - rabbit (Baxter) 67, 555-62; 67, 210-11, P. (*disc. only*); (Carr) 87, 423-31
 - early, sheep (Bulmer) 90, 123-34; 90, 570, P. (*human, sheep*)
 - in Green monkey (*Cercopithecus aethiops sabeus*) (Zuckerman) 72, 471-2, P.
 - mammalia (Baxter) 72, 156, P.
 - histochemistry, sheep (Bulmer) 97, 636-7, P.
 - membrane of, nerve-endings in (Chrtschschonovitsch) 6, 435-6, *rep. (human, bitch)*
 - epithelium, changes, mucinous, in pregnancy, guinea pigs and other mammals (Barrington) 50, 30-6
 - foetal, histochemistry (Bulmer) 93, 36-42; 92, 636-7, P.
 - lower end, development, sheep (Bulmer) 86, 233-45
 - development (Bloomfield & Frazer) 64, 9-32
 - formation (and of hymen) (Bloomfield & Frazer) 61, 490, P. (*t.o.*)
 - and urethra, homologies in male and female (Evatt) 45, 123-30
 - variations, absence, congenital, review, 33, 522, *rep.*; 39, 507, *rep.*; 43, 122, *rep.*; (Stacey) 59, 100-2, S.P.
 - apparent, pregnancy and (Thompson) 66, 133-4, P.
 - with supernumerary ovary and atresia of uterine tubes (Civette) 34, 421, *rep.*
 - upper two-thirds, with absent uterus, 37, 308, *rep.*
 - with undeveloped uterus and ovaries (Campbell) 20, 693-4 (1 case), *anat. phys. not.*
 - with absent uterine tubes (Ullrich) 34, 421, *rep.*
 - and uterus, ovaries, cow, 43, 121, *rep.*
 - atresia, analysis, anatomical, embryological and endocrinological (Bacsich & Dennison) 95, 604, P.
 - with uterus didelphys, 37, 308, *rep.*
 - double, with double uterus, 16-year-old girl (Frazer) 59, 99, S.P.; (Lawrence) 40, xi, P. (*t.o.*)
 - with failure of ascent of right kidney (Hepburn) 25, 24-30 (1 case)
 - et uterus simplex*, case of (Duncan) 1, 269-74
 - hourglass, congenital contraction of (Nieberding) 27, 422, *rep.*
 - septum, transverse of 36, 305, *rep.*
 - and uterus, duplicity, classification, 35, 504-5, *rep.*
 - wall, development (Bulmer) 91, 595, P. (*human sheep*)
- Vagotomy**, effect on cholinesterase content of pre-ganglionic innervation of heart (Navaratnam *et al.*) 98, 287, P. (*rat*)
- unilateral, effect on structures in the atrial endocardium, methylene blue stained, dog (Holmes) 91, 259-66

Subject Index

- Valves, aortic**, 2, with patent ductus arteriosus, 38, 367-8, *rep.*
aortic, four, 37, 306-7, *rep.*
 abnormal arrangement, 1 case (Abbott) 38, 103
 and pulmonary artery, development of (Tonge) 3, 200-1, *rep.*
 bicuspid (Gangitano) 33, 504 (*ref. only*); 34, 419, *rep.*; (Reid) 47, 122, *anat. not.*
 semi-lunar (Lawrence) 25, xv-xvii, *P.* (1 case)
atrioventricular, action of (Sée) 9, 222, *rep.*
 development, man (Odgers) 73, 643-57; 73, 672, *P.* (*t.o.*)
 innervation (Williams) 97, 301, *P.*
 left in birds (Hodgkinson) 36, 14-19
 mode of action of (Sée) 9, 417, *rep.*
Eustachian, *see* Valve, of vena cava, inferior
of heart, blood cysts in, human (Dow & Harper) 71, 117-23; 70, 198, *P.* (*t.o.*)
 blood supply in relation to endocarditis (Harper) 73, 94-111 (4 case reports, and rabbit study)
 effects of chronic disease upon structure of the heart (Hamilton) 23, 40-68
 innervation, experimental studies, preliminary (Williams) 97, 615-16, *P.* (*guinea pig*)
 new blood vessel formation (Harper) 73, 668, *P.* (*t.o.*); 73, 669, *P.* (*dem.*)
 sigmoid, malformations, 40, 299, *rep.*
 storage of trypan blue in, rabbit (Harper) 77, 140-8
 structure (Harper) 75, 88-94
 congenital abnormality (Griffith) 37, 251-4; (Ebstein) 1, 153, *rep.*
see also Valves, tricuspid
 vascular content, (Harper) 76, 225, *P.* (*t.o.*); demonstration, 76, 229, *P.*
 vascularity (Dow & Harper) 66, 610-17; 66, 141, *P.*
of Houston, *see* Folds, rectal, transverse
ileo-colic, early development (Beattie) 59, 56-9
portal, *see* Hypophysis cerebri; Liver; Kidney
prostatic, obstructing urethra (Gilmour) 64, 124, *P.*
pulmonary, cusps 2 semi-lunar (Lawrence) 25, xv-xvii, *P.* (1 case)
 4 cusps of (Rolleston) 25, xvii; (Abbot) 26, xv, *P.*
 quadruple (1 case) (Clarke) 24, viii, *P.*
tricuspid, congenital malformation (Morison) 57, 262-6
 valvular haematoma on cusp of (Gibson) 14, 413-15 (*sheep*)
see also Valves, of heart, tricuspid
of veins, *De venarum ostiolis*, 1603 (Fabricius of Aquapendente, ed. by Franklin) 1933, 69, 397, *rev.*
 azygos (Gruber) 1, 357, *rep.*
 jugular, two new findings (Franklin) 64, 67-9 (*horse*)
 renal (Rivington) 7, 163-4
 portal, innervation domestic fowl (Gilbert) 95, 594-8
of vena cava, inferior, fenestrated (Thomson) 45, 444-5, *anat. not.*
 height, in relation to direction of anterior caval blood flow (comparative) (Franklin) 80, 246-7, *P.*
 vena cava, variations, and two new findings in jugular (Franklin) 64, 67-9 (*horse*)
venous, of heart, remnants, human (Pan) 70, 435-8
 formation (Odgers) 69, 412-22; 70, 192, *P.* (*dem.* & *disc.*)
- Vanadium**, action of, on intrinsic cardiac nerves (Gamgee & Larmuth) 11, 235-50 (*frog*)
Varanus (lizard) snout, and of other lizards and snakes (Bellairs) 83, 116-46; 83, 84, *P.*
Varanus salvator (Kabara goya, Monitor) pineal eye in (Stewart) 24, xv, *P.* (2 specimens)
Variation(s), *Genetic basis of morphological variation* (Osborne & de George) 1960, 94, 568-9, *P.*
 anatomical, significance (Cunningham) 33, 1-9
 segmental, theoretical basis, 1 case, variations, vertebrae, ribs and nerves (Allbrook & Chagula) 90, 586, *P.*
see also Abnormalities, congenital; Teratology
Varnishing, of egg-shell, effect on embryo, 35, 497, *rep.*
 effect on development and primitive streak, 35, 497, *rep.*
 effect on incubating, 33, 507, *rep.*
 of animals' skin, cause of death after (Laschkewitsch) 3, 216-17, *rep.* (Lang) 7, 189, *rep.*
 vascular and nervous results of suppression of perspiration by (Feinberg) 8, 182-3, *rep.*
Vas deferens, absence and absence of right seminal vesicle, 40, 300, *rep.*
 autonomic nerve-endings in smooth muscle, fine structure, rat (Richardson) 96, 427-42
 double (Marsh) 32, 216-17
 and epididymis, mammalian (Myers-Ward) 32, 135-40 (*cat, dog, guinea-pig, rabbit, rat, mouse, man*)
 glandular structure of (Langerhans) 9, 207, *rep.*
 mucous membrane (Robin & Cadiat) 9, 397-8
 muscle, smooth, fine structure, and sympathetic nerves (Merrillees *et al.*) 97, 484, *P.A.S.A. N.Z.* (*guinea-pig*)
 rudimentary, with undescended testis and failure of ascent of kidney (Howden) 21, 551-7 (1 case)
Vasa efferentia, cysts (Griffiths) 28, 107-24
 ligations, effect on testis, rat (Harrison) 87, 453-4, *P.*
Vasa nervorum, ligation, effects, immediate, rabbit sciatic nerve (Blunt & Stratton) 90, 204-16
Vasa vasorum, aorta, postnatal development, x-ray microscopy (Clarke) 99, 877-89
 of ascending aorta, X-ray microscopy (Clarke) 97, 630-1, *P.*
 of ductus arteriosus, X-ray microscopy (Clarke) 99, 527-37; 99, 199, *P.*
 of normal coronary arteries, X-ray microscopy (Clarke) 98, 538-43; 98, 288, *P.*
 of pulmonary trunk, X-ray microscopic study (Clarke) 98, 473, *P.*
Vasodilatation, neural control of (Lovén) 2, 194-7, *abs.*
Vault, cranial, imperfect ossification, 44, 98, *rep.*
 neural and vascular markings, racial frequency of occurrence (Dixon) 38, 377-98
 perforations, multiple, congenital of foetus (Paterson) 34, v, November 1899
- Veins, general**
A monograph on veins (Franklin) 1938, 73, 198, *rev.*
 anomalies, in frog (Shore) 35, 323-9
 draining gill regions in embryos (Reagan) 72, 164, *P.* (*dem.*)
 great, and arches, arterial in foetal marsupial (Broom) 32, 477-83
 histology, sheep (Haynes) 60, 194-8
 innervation (Holmgren) 3, 251, *n*
 large, abnormal, *Rana temporaria* (Mudge) 40, v, *P.* (*t.o.*)
 modifications in Laysan Monk seal (*Monachus schauinslandi*) and Cruciger dolphin (*Lagenorhynchus cruciger*) (Tomlinson & Harrison) 95, 453, *P.*

Veins, general (cont.)
 structure of normal and dilated (Soboroff) 6, 437, *rep.*
 varicose, *The anatomy of varicose veins* (Mullarky) 1965, 100, 417, *rev.*

Veins, of organs and regions
 abdominal, effect of abnormalities of right ureter and left renal vein on the development of (Gladstone) 45, 225-31
 note on relationships determining nature of anomalies (Johnston) 47, 234-45
 anterior, draining into right superior vena cava (Buller) 30, 211-14 (*frog*)
 of bladder (Fenwick) 19, 320-7
 of brain (Trolard) 4, 301, *rep.*
 of dorsal body wall, and migration processes in ontogeny (Auër) 80, 61-74
 of forearm (Macalister) 33, 343-9; correction, 33, 526
 of heart, Thebesian (Bochdalek) 3, 200, *rep.*
 of limbs, lower (Giacomini) 8, 174, *rep.*
 of lungs, lobes, right upper (Appleton) 79, 97-120; 80, 216, *P.*
 neck, subcutaneous (Pikieff) 72, 119-27
 of orbit, connections of (Seseman) 5, 229, *n.*
 of retina, histological preparation (Musgrove) 26, 245-53

Veins, named
 azygos, 32 cases (Committee of Collective Investigation) 33, 197-203
 aberrant, in relation to pleural fold (Robbins) 70, 579, *anat. not.*
 abnormal (Robbins) 71, 146, *P. (i.o.)*; 42, 138, *rep.*
 accessory pulmonary lobe (Stibbe) 53, 305-14
 development (Gladstone) 64, 110-11, *P.*
 in albino rat (Butler) 84, 83-94
 drainage into right innominate vein, 1 case (Collins) 20, 33
 hemiazzygos, opening into right atrium of the heart (Gruber) 1, 153, *rep.*
 joining innominate veins entering right auricle separately (Humphry) 1, 186-7
 left, with double superior vena cava (Howden) 21, 72-5
 lobe of right lung (Brown) 92, 672, *P.*
 in man, monkey, dog, cat, rat and rabbit (Bowsher) 88, 400-6
 pleural fold containing (Holtby) 49, 236-9
 and superior intercostal, arrangement of, in thorax (Morison) 13, 346-9
 termination, intrapericardial (Cooper) 34, 426
 valvular arrangements in (Gruber) 1, 357, *rep.*
 cardiac, suggested differences from conventional descriptions (Last) 92, 645, *P.*
 cardinal, common, left and persistent left superior vena cava (Basu) 66, 268-70, *anat. not.*
 left, persistent, 1 case, male (Fawcett) 32, xlii-iv, *P.*
 posterior, development (Frazer) 59, 99, *S.P.*
 and fate (Shore) 36, 20-46
 left, persistence (Cameron) 45, 416-19
 persistence, partial, 36, 305, *rep.*
 cava, and common iliac transposition of (Struthers) 27, vi, *P.*
 lie, normal (Franklin) 67, 382-6 (*sheep, guinea-pig, dog*)
 rhythmic movements in (Colin) 9, 222, *rep.*
 variations, anterior, single in rabbit (Newell) 69, 396, *anat. not.*
 frog (Grove & Newell) 69, 130-1, *P. (disc. only)*

 bilateral, in lion cub (Franklin) 80, 111, *anat. not.*
 inferior, of cat, dog, rabbit (Franklin) 68, 338-40
 left (Waring) 28, 46-50
 later development in man and in carnivora (Reagan & Robinson) 61, 482-4, *P.*
 development with reference to ascending lumbar and azygos veins (Gladstone) 64, 70-93
 left, persistent, 1 case (Gladstone) 46, 220-7
 respiration, effects on lumen, expt. (Franklin) 69, 131-2, *P. (cineradiography)*
 seal (Harrison & Bental) 84, 400, *P.*
 in thorax (Franklin) 66, 76-9 (*rabbit, cat*)
 variations (Zaaijer) 5, 227, *n.*; (Kollmann) 28, 376, *rep.*; (Johnston) 47, 234-45; (Macalister) 35, 123-4, *anat. not.*
 absence, 1 guinea pig (Phisalix) 34, 420, *rep.*
 atresia, 32, 792, *rep.*
 absence below diaphragm (Dwight) 35, 7-20 (1 case)
 absence of hepatic section, with other anomalies (Lawrence & Nabarro) 36, 63-75; 36, xxvi, *P.*
 communication with portal vein (Struthers) 27, vi-vii, *P. (horse)*
 development (Maxwell & Erwin) 62, 184-97
 divided, in man, demonstration (Parsons) 30, iv, *P.*
 frequency in *Hylobates* (Gibbons) (Keith) 30, ii-iv, *P.*
 double (Shepherd) 24, 69-71 (1 case); (Pangratz) 29, 466, *rep.*; (Farmer) 31, i, *P. (2 specimens)*; (Lucas) 51, 69-70; 51, 12, *P. (June 1916)*; 35, 504, *rep.*
 post-renal segment (Waterston) 47, 433-5
 communication with portal (Struthers) 27, vi-vii, *P. (horse)*
 obliteration of, with stenosis of orifices of hepatic veins (Osler) 13, 291-304
 obstruction (Griffith) 33, 503, *anat. not.*
 post-renal segment, duplication (Rischbieth) 48, 287-92
 without transposition of viscera, 1 case (Grimsdale) 28, v-vi, *P.*
 posterior, dog (Beck & Baxter) 93, 578-9, *P.*
 postrenal, early development in rabbit (Reagan & Tribe) 61, 480-2, *P.*
 variations, bilateral (Odgers) 62, 220-3; (Kirk) 69, 152, *P. (dem.)*
 doubling of, and of inferior (Pangratz) 29, 466, *rep.*
 with left azygos vein (Howden) 21, 72-5
 associated with interatrial septal defect and pulmonary vein draining into right atrium (Hepburn) 21, 438-43
 left, 1 case (Boyd) 27, xx-xxi, xxxviii-xxxix
 complete, with venule representing extrapericardiac portion of left duct of Cuvier (Cameron) 49, 140-7
 draining blood from a closed coronary sinus (Reed) 73, 195-7, *anat. not.*
 persistent (Basu) 66, 268-70, *anat. not.*
 left, dog (Harris) 59, 59, *S.P.*; 37, 307, *rep. (dog)*; (O'Malley) 50, 16-17, *P. (June 1915)*
 with left hepatic vein tributary, 1 specimen (Nabarro) 37, 382-91
 with fibrous right superior vena cava (Charles) 23, 649-50
 and right aortic arch (Hurley & Coates) 61, 333-9 (1 subject)
 and right, of equal size (Thompson) 63, 496-7

Subject Index

Veins, named (*cont.*)

- cerebellar** and cerebral, functional significance of arrangement (Stopford) 64, 257-61
- cerebral**, great (Stopford) 63, 175-6, *P.*
 - internal, and venous drainage of the brain (Schlesinger) 74, 142-3, *P.*
- coronary**, of stomach, *see* Veins, gastric
- diploic**, as evidence of age, with reference to skull attributed to Lord Darnley (Harris) 64, 115-16, *P.*
 - enlargement, in collateral circulation (Stibbe) 63, 162, *P.*
 - mode of termination (Jefferson & Stewart) 63, 176, *P. (t.o.)*
- emissary**, between sinuses, lateral, petrosal, and vessels of glenoid fossa, chondrodystrophia foetalis (Dixon) 41, ii, *P.* (June 1906)
 - variations (Knott) 16, 27-42
- femoral**, valved transverse septum of (Gibson & Franklin) 72, 128-9
- of Galen**, *see* Veins, cerebral, internal
- gastric**, right and left (Walsham) 14, 399-403; note on this paper by W. Turner, 14, 403-4
- great** and heart of eutherian foetus, nomenclature (Amoroso, Barclay, Franklin & Prichard) 76, 224-5, *P.*
 - pulsation, high-speed cinematography (McDonald, Helps, Fergusson) 87, 441-2, *P. (rabbit)*
- hemiazzygos**, variation (Lindsay) 59, 438
 - unusual course (Davis) 70, 321, *anat. not.*
- hepatic**, analysis of blood from (Drosdoff) 13, 243, *abs. (dog)*
 - left, draining into persistent left superior vena cava (Nabarro) 37, 382-91
 - obliteration of inferior vena cava with stenosis of orifices of (Osler) 13, 291-304
 - opening into right atrium (Thomson) 19, 303-6
 - sphincter mechanisms (Gibson) 93, 368-79
- iliac**, common, probable formation (Frazer) 60, 485-6, *P.*
 - and vena cava, transposition (Struthers) 27, vi, *P.*
 - right and portal, communication between (Giacomini) 8, 388, *rep.*
 - external, communication with portal vein (Champneys) 6, 417-19, (*human*)
- innominate**, left, relation to thymus gland (Gruber) 2, 168, *rep.*
 - passing between ascending aorta and right pulmonary artery, 37, 307, *rep.*
 - draining into left superior hemiazzygos (Hart-Smith) 29, xxiv-xxvi
 - opening separately into right atrium (Chiene) 2, 13-18
 - entering the right auricle separately, each joined by an azygos vein (Humphry) 1, 186-7
 - pulmonary, vein, left, opening into (Thane) 40, xi (*t.o.*)
- intercostal**, superior, and azygos, arrangement of in thorax (Morison) 13, 346-9
 - left, draining into vena azygos, 1 case (Gladstone) 46, 220-7
- jugular**, internal, relation of accessory nerve to, and transverse process of atlas (Keith) 30, xii-xiv, *P.*
 - variation (Gruber) 3, 200, *rep.*
 - internal right, obliteration of (Chiene) 2, 222-3
 - loop around omohyoid (Williams) 21, 333, *anat. not.*
- laryngeal** (von Luschka) 4, 302, *rep.*
- meningeal** (Trolard) 4, 301, *rep.*
- mesenteric** and splenic, in sheep, with histology (Franklin & Haynes) 60, 194-8

- oblique**, of atrium, left, cardiac muscle relations (Coakley & Summerfield King) 93, 30-5
 - mammals (King & Coakley) 90, 601, *P.*
- orbital connections** (Seseman) 4, 155, *rep.*
- parietal**, dorsal, variants, described by Arthur Robinson (Reagan) 72, 615, *P.*
- popliteal**, variation (Gruber) 6, 437, *rep.*
- portal**, analysis of blood from (Drosdoff) 13, 243, *abs. (dog)*
 - aorticopulmonary (Hughes) 99, 200-1, *P.*
 - detection of peptones, sucrose, and sulph-indigotic acid after intestinal absorption (Drosdoff) 13, 245-6, *abs.*
 - communication with external iliac vein (Champneys) 6, 417-19
 - communication with inferior vena cava (Struthers) 27, vi-vii, *P. (horse)*
 - communication with umbilical (Russell) 8, 149-50 (2 cases)
 - formation, 118 observations (Collective Investigation, Anatomical Society) 25, 99-101
 - ligation, and subsequent histological changes in liver (Solowieff) 7, 187, *rep. (animals)*
 - general circulatory changes following ligation of (Tappeiner) 8, 189-90, *rep. (rabbit)*
 - liver changes after occlusion of (Solowieff) 9, 437, *rep.*
 - obliteration of, pylephlebitis adhesiva (Osler) 16, 208-16
 - and right iliac, communication between (Giacomini) 8, 388, *rep.*
 - vessels, small, related to, use of vascular casts (Lozana & Andrews) 100, 665-73
 - hypophysial, development ('Espinasse) 68, 11-18
 - in porpoise, *Phocaena phocaena* (Harris) 81, 402-3, *P.*; 81, 404, *P. (dem.)*
- precaval**, left, cardiac muscle relations (Coakley & Summerfield King) 93, 30-5 (*mammals including man*)
 - in mammals (King & Coakley) 90, 601, *P.*
 - persistence of 2 in dog (Simpson) 9, 385
- pulmonary**, development, and cor biloculare (Davies & MacConaill) 71, 436-46; 71, 153, *P. (disc. only)*
 - draining into left portal vein (Butler) 86, 485-6, *P. (1 case)*
 - left side, opening into innominate (Thane) 40, xi, *P. (t.o.)*
 - left upper var. opening into persistent left superior vena cava, 1 case (Johnston) 49, 182-6
 - muscle, striated in, rat (Klavins) 97, 239-41
 - opening into coronary sinus, 1 specimen (Nabarro) 37, 382-91
 - right, drainage into right atrium (Hepburn) 21, 438-43
 - draining into vena azygos (Shepherd) 24, 69-71
- renal**, anomalous tributary (Zaaijer) 4, 155, *rep.*
 - circumaortic (renal collar) (Odgers) 66, 98-9; 66, 138-9, *P.*
 - left, draining into common iliac vein (Shepherd) 24, 69-71 (1 case)
 - passing behind abdominal aorta, and on development of abdominal veins (Gladstone) 45, 225-31
 - persistent (Whillis) 69, 145, *P. (t.o.)*
 - multiple (Shepherd) 24, 69-71 (1 case)
 - portal, renal, development and fate, in frog (Shore) 36, 20-46
 - of frog (*Rana temporaria*) (Shore) 34, 398-402
 - suprarenal and ureter (Harris) 76, 223, *P.*

Subject Index

- Veins, named** (*cont.*)
 saphenous long, variation (Davidson) 25, 154 (1 case)
 short, fascial canal for (Shah & Srivastava) 100, 411-13
 variation (Davidson) 25, 154 (1 case)
 sinus, coronary, receiving pulmonary vein, 1 specimen (Nabarro) 37, 382-91
 spermatic, *see* Veins, testicular
 splenic, leucocytes (Tarchanoff & Swaen) 10, 212-13, *rep.* (*dog, rabbit*)
 and O₂ in blood of (Malassez & Picard) 10, 213, *rep.* (*expts*)
 and mesenteric, in sheep, with histology (Franklin & Haynes) 60, 194-8
 and testicular, communication between and anomalous origin of subclavian right artery (Miura) 33, 504, (*ref. only*)
 subclavian, relation to cardinal system (Gladstone & Wakeley) 49, 362-75
 superficial of lower limb (Kosinski) 60, 131-42; 59, 113-14, *S.P.*
 supra-scapular, variation (Smith) 29, 99
 suprarenal, renal & ureteric (Harris) 76, 223, *P.*
 testicular, effect of ligature, on testes (Griffiths) 30, 81-105 (*dog*)
 and splenic, communication and anomalous origin of right subclavian artery (Miura) 33, 504 (*ref. only*)
 variation (Haberer) 33, 504 (*ref. only*)
 umbilical, patency, post-natal (Butler) 85, 430, *P.*
 and portal, persistent communication between (Russell) 8, 149-50 (2 cases)
 ureteric, suprarenal and renal (Harris) 76, 223, *P.*
 uterine, and rectal, anastomoses (Wermuth) 74, 116-26
 terminations, rabbit (Franklin & McLachlin) 71, 103-4
 varicose, and vein-artery relationships at pelvic brim (Williams) 93, 580, *P.*
 vertebral, variation (Mears) 22, 304-6 (1 case)
 vesical, of bladder, and intrapelvic venous plexuses (Gillette) 4, 154-5, *rep.*
 vitelline and yolk-sac, of 11 mm. C. R. twin and other embryos (Morton) 88, 572-3, *P.*
see also Drainage, venous; Vessels
Velum, medullary, inferior and peduncle of the flocculus (Johnston) 69, 133, *P.* (*disc. only*)
 posterior, and the peduncle of the flocculus (Johnston) 68, 471-9
Venography, splenic, in the rat (Braithwaite & Adams) 90, 596, *P.*
Venom, action of, from cobra-di-capella (Vulpian) 3, 481, *rep.* (*frog, rabbit, rat*)
 of scorpion (*Scorpio occitanus*) effects of (Jousset) 5, 395, *rep.*
 actions of (Jousset) 6, 501, *rep.*
 action of compressed oxygen on (Bert) 13, 241, *abs.*
 snake (cobra-di-capella), mechanism of in animal body (Halford) 2, 187, *rep.*
 rattlesnake effect of, on blood (Mitchell) 5, 395-6, *rep.*
 viper action of (Cherou & Goujou) 3, 481, *rep.* (*rabbit*)
see also Poison
Ventricle, band in, *see* Band
Ventricles, of brain, dilated in chronic atrophy of brain (Barratt) part I, 37, 150-67; part II, 37, 347-58
 form (Barratt) 36, 106-26
 lateral, anatomy, gross (Torkildsen) 68, 480-91
 fourth, aperture, median (Hewitt) 94, 549-51
 roof and lateral recesses, morphology and embryology (Blake) 33, viii, *P.* (*t.o.*)
 morphology and permeability, mammalian embryos (Cohen & Davies) 72, 430-55
 third, and hemisphere, cerebral, junctional region (Sharp) 93, 159-68 (*mammalian embryos*)
heart, action of interrupted current on (Foster) 3, 400-1 (*frog*)
 cause of diastole (Garrod) 3, 390-3
 development, postnatal, man (Keen) 89, 484-502
 growth, postnatal, rat (Keen) 79, 38-40
 neurological studies, mammals (Davies, Francis & King) 86, 130-43
 postnatal changes, and closure of foramen ovale, man (Keen) 77, 104-9 (*anat. not.*)
 structure (Brown) 23, 250-5 (*mammals*)
 transposition, with arterial transposition (Walm-sley) 65, 528-40 (1 case)
 wax casts of (Welcker) 13, 268 (*t.o.*); comment by Turner, 13, 283
Veratria, action of (von Bezold & Hirt) 1, 361, *rep.*; (Prévost) 3, 477-8, *rep.* (*frog*)
 action on muscular fibre (Fick & Böhn) 8, 213, *rep.*
 effect on muscles (von Bezold) 1, 361, *rep.*
 effects of toxic doses of (Claus) 8, 228, *rep.*
 and veratrum viride, physiological studies of (Amory & Webber) 4, 317, *rep.*
see also Veratrine alkaloids
Veratrum album, experimental observations of, in man, dogs, rabbits and frogs (Oulmont) 2, 424, *rep.*
Veratrum viride, effect of on temperature (Squarry) 5, 206, *rep.*
 experimental observations of, in man, dogs, rabbits and frogs (Oulmont) 2, 424, *rep.*
 active principles of (Wood) 4, 317, *rep.*
 and veratria, physiological study of (Amory & Webber) 4, 317, *rep.*
Vermes, embryology (Kowallewski) 6, 448, *rep.*
Vermilion, use in arteriography, cadaveric (Ferguson) 59, 297-300
Vertebrae, abnormal, and ribs, abnormal, foetal (Pasricha) 53, 254-8
 articular processes of, in gorilla and man (Struthers) 27, 131-8
 atlanto-axial fusion (Cave) 64, 337-43
 and axis, abnormal, 1 case (Nayak) 65, 399-400 (*anat. not.*)
 facets, articular superior, variations (Singh) 99, 565-71
 fused with occipital bone, specimens (Gladstone & Wakeley) 59, 105, *S.P.* (*t.o.*)
 fusion with occipital bone & occipital vertebrae (Gladstone & Erichsen-Powell) 49, 190-209
 axis and atlas abnormal, 1 case (Nayak) 65, 399-400 (*anat. not.*)
 and atlas, fusion (Cave) 64, 337-43
 bodies, diameter (Anderson) 17, 341-44
 ligaments (Mulligan) 91, 455-65 (*dog*)
 caudal, in tailless primates (Broca) 7, 334-5, *rep.*
 sacral and lumbar, morphology in Punjabis (Charles) in *Scientific memoirs by medical officers of the army of India*, part viii, 1894, 29, 141, 143, *rev.*
 cervical, abnormalities (Peacock) 80, 220, *P.*; (Sir Russell Brain) 90, 579, *P.*
 in horse (Gorton) 57, 380-1
 leading to malposition of head and facial distortions (Dwight) 39, 503-4, *rep.*
 and their articulations, in the great fin whales (*Balaenoptera musculus* & *Balaenoptera rostrata*) (Struthers) 7, 1-55

Subject Index

Vertebrae, cervical (*cont.*)

- Australian aboriginal (Wood Jones) 72, 411-15
fracture (judicial hanging) (Paterson) 24, ix, *P.*
fusion (Pan) 66, 426-9, *anat. not.*
 of third and fourth (Cave) 64, 118, *P.*; 65, 170-1, *P.*
 third, with axis, 3 cases (Aasar) 72, 634-5, *anat. not.*
identification (Cave) 72, 140, *P. (t.o.)*
intercostal, articulation (Cave) 71, 415-16, *anat. not.*
nomenclature (Macalister) 33, 204-9
sixth, anomalies (Cave) 64, 118-19, *P. (man, orang, Macacus)*
6th and 7th, anomalous (Grünbaum) 25, x-xi, *P.*
eighth, in hydrocephalic foetus (Paterson) 35, ix-x, *P.*
and lumbar, identification (Fawcett) 63, 165, *P. (t.o.)*
markings (Jones) 46, 41-4
 of *Plotus* (bird) (Macalister) 9, 405, *rep.*
neural spines of, as racial characteristic (Cunningham) 20, 637-40
 see also Processes, spinous, Spina bifida
critica (Cave) 72, 319, *P.*
dorsal, *see* Vertebra, thoracic
dorsi-lumbar, additional (Pye-Smith, Howse & Davies-Colley) 5, 376, *rep.*
end-surfaces, cross-sectional area, cat (Smith, Lee & King) 94, 580, *P.*
evolution, and of crano-spinal articulation (Shute) 96, 415, *P.*
growth-changes, illustrations (Cave) 72, 626, *P. (dem.)*
hemi, causing congenital scoliosis (Wakeley) 57, 147-8
hemi-lumbar, in rabbit (Sutton) 24, xv, *P.*
intercalated, of sharks (*Selache maxima*) (Gadow) 34, xlv-xlvi, *P.*, (July 1899)
lumbar and sacral, transverse foramen, 37, 302, *rep.*
 fifth, congenital anomalies, consequences (Nutter) 48, 24-36
 ossification (Fawcett) 40, xvi, *P.*
 variability (Manners-Smith) 43, 146-60
 persistent bilateral suture between upper and lower articular processes (Reid) 24, iii-iv, *P.*
 and sacral I, form and articulations, variations of, 79 subjects (Collective Investigation) 29, 43-4
 spondylolysis of (Black) 31, xxx, *P.*
 sixth, associated with rudimentary 1st rib (1 case) (Bellamy) 9, 185-6; (Taylor) 32, 687
 identification, in man (Fawcett) 66, 384-6
 lower, human, some mechanical and osteological, considerations (Davis) 95, 337-44
 processes accessory and mamillary (Jones) 47, 119-20 *anat. not.*
 sacral, caudal, morphology in Punjabis (Charles) in *Scientific memoirs by medical officers of the army of India*, part viii, 1894. 29, 141, 143, *rev.*
 and sacral, abnormalities, Australian aborigine (Ramsay Smith) 37, 359-61
 six, with artery, sacral, middle, abnormal (Taylor) 32, 687; (Bellamy) 9, 185-6
 and thoracic lower, movements, human (Davis) 89, 565, *P.*
 variations, numerical (Papillaut) 33, 500 (*ref. only*)
lumbo-sacral, transmutation, 510 women (Young & Ince) 74, 369-73
measurements, absolute and relative (Cyriax) 54, 305-8

- occipital (Gladstone) 50, 9-10, *P.* (March 1915)
and atlanto-occipital fusion (Gladstone & Erichsen-Powell) 49, 190-209
manifestations of on occipital bone (East) 60, 486, *P.*
presacral, additional, 1 case (Gladstone) 31, 530-8; 31, xxx, *P.*
 twenty-five, with thirteen ribs, 1 skeleton (Meyer) 48, 152
 with thirteen pairs of ribs and rudimentary first rib (Low) 34, 451-7 (1 case)
processes, transverse (Hasse) 3, 448, *rep.*
sacral, asymmetry of 1st segment (Barclay Smith) 36, 372-4
 lumbar, abnormalities, Australian aborigine (Ramsay Smith) 37, 359-61
 caudal, morphology in Punjabis (Charles) in *Scientific memoirs by medical officers of the army of India*, part viii, 1894. 29, 141, 143, *rev.*
 transverse foramen, 37, 302, *rep.*
sacral I and lumbar V, form and articulations, variations of (Collective Investigation) 29, 43-4
spinal nerves relation to (Reid) 23, 341-53 (6 adults); 23, ix-x, *P.*
spongiosa (Bardeleben) 9, 244, *rep.*
supernumerary (Murray) 47, 363-4, *anat. not.*
 cervico-thoracic rib-bearing and asymmetry of vertebral column, 1 case (Lane) 19, 266-73
 thoraco-lumbar (Shepherd) 15, 292, *anat. not.*
synostosis (Lockwood) 25, iv, *P.*
thoracic 1st, spondylolysis of (Black) 31, xxx, *P.*
 variation (Duckworth) 45, 65-8
 with foramen at root of transverse process, 1 case (Turner), 17, 255-6; 18, 223, *anat. not.*
 asymmetry of 12th (Barclay Smith) 36, 372-4
 lower, and lumbar, movements, human (Davis) 89, 565, *P.*
 supernumerary, familial, 2 cases (Soffianti) 28, 375, *rep.*
 suppression of, 2 cases (Dwight) 21, 539-50
 wedge-shaped, congenital (Reid) 21, 76-8 (1 case)
variations, numerical (Dwight) 33, ix, *P. (t.o.)*; (Bardeen) 39, 500, *rep.*
 (cervical, thoracic, lumbar, sacrum & coccyx) (Struthers) 9, 17-96 (*man*)
- Vertebral column, *see*, Column vertebral**
Vertebrata, *On the Anatomy of vertebrates* (Owen) 1866. 1, 120-41, *rev.*
Handbuch der vergleichenden Anatomie der Wirbeltiere (Bolk, Göppert, Kallius, Lubosch, editors) vol. vii 1933. 70, 444-5, *rev.*; Band II, part I & II, 1934. 70, 446, *rev.*; Band III und Band IV, 1936. 72, 136-7, *rev.*
Vertebrate embryology. A laboratory manual (Eakin) 1965. 100, 212, *rev.*
The cranial muscles of vertebrates (Edgeworth) 1935. 70, 587, *rev.*
Untersuchungen zur vergleichende Anatomie der Wirbeltiere, in two volumes (Gegenbaur), 1864-65. 2, 155-6, *rev.*
Studies on the structure and development of vertebrates (Goodrich) 1930. 66, 128-9, *rev.*
Functional anatomy of the vertebrates (Quiring) 1950. 85, 303-4, *rev.*
Comparative anatomy of vertebrates: an outline of a laboratory course (Rand) 1931. 66, 674, *rev.*
The vertebrate body (Romer) 1949. 84, 399, *rev.*
Catalogue of the specimens illustrating the osteology and dentition of vertebrate animals (recent and extinct), contained in the Royal College of Surgeons (Flower) part I, 1879. 14, 269-70, *rev.*

Vertebrata, (cont.)

- The microscopic anatomy of vertebrates* (Scott & Kendall) 1935. 70, 322, *rev.*
- Regeneration in vertebrates* (ed. Thornton) 1959. 94, 279, *rev.*
- The life of vertebrates* (Young) 1950. 85, 302-3, *rev.*
- arteries of limbs, including man (Eichholz) 27, 377-401; 27, xxxiv, P.
- and arthropods, relations between (Huxley) 35, 125, *abs., anat. not.*
- erythrocytes, shape and size (Gulliver) 10, 205-7, *rep.*
- limbs (Gegenbaur) 5, 199-200, *rep.*
- fore and hind, comparison (Humphry) 10, 659-71
- muscles (Humphry) 6, 293-376
- origin, deduced from study of Ammocoetes, part I, Brain (Gaskell) 32, 513-52; part II, Skeleton, cranio-facial, 32, 553-81; part III, on the origin of branchial segmentation, 33, 154-88; part IV, The thyroid of opercular segment. The meaning of the facial nerve, 33, 638-71; parts V, VI, VII, VIII, On the meaning of the trigeminal group of nerves, and the relation of the olfactory organ to the old mouth, (Gaskell) 34, 465-587; 34, xxv-ii (November 1899); part IX, Nerves, optic, and origin of optic apparatus, 35, 224-67; 35, iv-vi, P.; part X, auditory organ and cranial nerves (Gaskell) 36, 164-208; part XI, pronephros, mesonephros, body cavity somatic muscles of trunk, endocrine glands (Gaskell) 37, 168-219; part XII, the principles of embryology, 39, 371-401; part XIII, the notochord and alimentary canal, 40, 305-17
- pori abdominales of (Bridge) 14, 81-100
- tuberculosis (Sibley) 23, 642-9
- Vertigo, aural (Brown-Séquard & Labadie-Lagrave) 10, 634, *rep.*
- Vesalius, Andreas (Wright) 67, 192, P.
- Andreas Vesalius of Brussels, 1514-1564* (O'Malley) 1964. 99, 402, *rev.*
- A prelude to modern science (The tabulae anatomicae sex of Vesalius* (Singer & Rabin) 1946. 81, 200, *rev.*
- On the fourth centenary of *De humani corporis fabrica* (Singer) 77, 261-5; 80, 215, P.
- Vesicles, chorionic, and blastocyst of sheep (Hamilton, Boyd & Samuel) 80, 216, P.
- optic, removal, effects (Silver) 94, 283, P. (*chick embryo*)
- seminal, absence, with absence of ureter and one kidney, 36, 304, *rep.*
- blood supply, arterial (Clegg) 89, 209-16
- and of prostate gland (Clegg) 87, 455-6, P.
- changes postnatal, histology, rat (Clegg) 93, 361-7
- changes after castration, ultrastructure, biochemistry, histochemistry (Toner & Baillie) 99, 418, P.
- development, and of prostate and bulbourethral glands, ram (Aitken) 93, 43-51
- postnatal, rat (Davey) 86, 497, P.
- glandular structure of (Langerhans) 9, 207, *rep.*
- histochemistry, sheep (Aitken) 89, 430-9
- right, absence and absence of vas deferens, 40, 300, *rep.*
- sex hormones, effect of, on (Zuckerman & Sandys) 73, 597-616 (*monkey*)
- study by injection (McMahon) 72, 556-74
- castration, biochemical, histochemical and ultrastructural changes after, mouse (Toner & Baillie) 100, 173-88

- fine structure, and sex chromosome association in spermatocytes, mouse, golden hamster and field vole (Ford & Woollam) 100, 787
- uptake of ³⁵S-DL-methionine, mouse, autoradiographs (Glucksmann, Howard & Pelc) 89, 13-18
- synaptic, metal staining (cobalt lead and zinc) (Lever) 96, 422, P. (*guinea-pig*)
- Vessels, anomalous, note on (Shepherd) 24, 69-71
- blood, *Blood vessels and lymphatics* (edited by Abramson) 1962. 97, 294-5, *rev.*
- disease, occlusive, *Biological aspects of occlusive vascular disease* (ed. Chalmers & Gresham) 1964. 99, 188, *rev.*
- Advances in biology of skin*, volume II. *Blood vessels and circulation* (Montagna & Ellis, editors) 1961. 96, 410, *rev.*
- The innervation of blood vessels* (Grigor'eva, trans. by Matthews & Pringle) 1962. 97, 467-8, *rev.*
- accommodation of, for large volumes of blood (Lesser) 10, 645, *rep.*
- action of digitalis on (Brunton & Meyer) 7, 134-8 (*dog*)
- associated with solitary kidney (Harrison) 28, 401-7
- of brain (Duret) 9, 392, *rep.*
- and spinal cord (Eberth) 4, 302, *rep.*
- cerebral, anatomy of adult and foetal (Duret) 9, 201-3, *rep.*
- casts, cat, dog, man (Wyke & Tompsett) 94, 573, P.
- distribution (Tuke) 9, 201, *rep.*
- dura mater (Michel) 8, 174, *rep.*
- effects of various stimuli upon (Schüller) 10, 620-1, *rep.*
- vasomotor innervation (Nothnagel) 2, 412, *rep.*
- congenital abnormalities, multiple, and of heart (Dickson & Fraser) 48, 210-14 (*male 4-m-o-child*)
- development (Balfour) 8, 169-70, *rep.* (*chick*)
- in embryo chick (Klein) 6, 438, *rep.*
- and growth of (Ranvier) 9, 390-2, *rep.*
- ear, external, nerve supply, and cholinesterase, rabbit (Grant & Thompson) 97, 7-22
- of early embryos of birds and mammals (Reagan) 61, 508-9, P.
- elastic tissue of, birds (Pfister) 61, 213-22
- embryonic injection of (Reagan) 60, 481-3, P.
- of face and head, in *Elephas indicus* (Watson) 9, 118-33
- in *Felis domestica*, origin, and heart (Watson) 58, 105-33
- innervation, *Die Mikroskopische Innervation des Herzens und der Blutgefäße von Vertebraten* (Ábrahám) 1964. 99, 404, *rev.*
- foetal, in placenta, anomalies (Wentworth) 99, 273-82
- heart, earliest stages, ferret embryos (Wang) 52, 107-85
- histology (Woodward) 5, 193, *rep.*
- innervation (Millen) 82, 68-80; (Pick) 8, 185, *rep.*; 8, 407, *rep.* (*frog*)
- injection of in *Coleoptera* (Moseley) 7, 185, *rep.*
- intestine, small (Heller) 8, 174, *rep.* (*cat, dog, hedgehog, man, pig*)
- intra-renal, fine pattern, rat (Moffat & Fourman) 96, 418, P.
- limb, upper, nerve supply of (Frey) 9, 392, *rep.*
- local action of astringents on (Rosenstirn) 11, 573-4, *rep.* (*curarized frog*)
- and lymph vessels (Foà) 10, 645, *rep.*; (Hoggan & Hoggan) 17, 1-23
- relation to 'juice' canals (Arnold) 9, 392, *rep.*

Subject Index

Vessels, blood (*cont.*)

- of nasal mucous membrane (Harper) 83, 61, *P.* (*man, cat, rabbit, some ungulates*)
- nerve supply (Woollard) 59, 108-9, *S.P.*; (Loughridge and Blackstock) 66, 141-2, *P.*
- palatine, nerves and nerve endings of, in frog (Stirling & Macdonald) 17, 293-307
- pattern in central nervous system, *Xenopus laevis* (Sims) 100, 91-8
- of renal medulla, comparative histology (Thorburn & Stacy) 98, 495, *P.A.S.A.N.Z.*
- retinal, of cat (Michaelson) 83, 64, *P.*
 - diameter measurement of (Renton) 13, 163
 - morphogenesis (Michaelson) 82, 167-74 (*cat*)
- of skeletal muscle, denervation (Grant) 100, 305-16 (*rat*)
- of spinal cord, *Über die Blutgefäße des menschlichen Rückenmarkes* (Kadyi) 1889. 24, 611, *rev.*
- vitelline, remains of, in mammals, 17, 59-61 (*cat, dog, lion, guinea-pig, rabbit*)
- walls, condition during diapidesis of white blood cells (Arnold) 10, 639-40, *rep.*
 - of isolated kidneys and livers (Mosso) 10, 636-9, *rep.* (*dog*)
 - resistance of, in normal condition and inflammation (von Winiwarter) 8, 403, *rep.*
- choroidal, sheaths (Morano) 8, 400, *rep.*
- cutaneous, reflexes (Botkin) 9, 416, *rep.*
- effluent, of renal glomerulus (Smith) 90, 290-2
- great, congenital abnormalities, and heart (Martin) 65, 395-8 (*anat. not.*); 31, 459, *rep.*
 - and heart, abnormal position and transposition of viscera (Stokes) 43, 301-7
 - gross anomaly of, female, 20 years (Birmingham) 27, 139-50; 27, ix
 - multiple abnormalities (Harris) 57, 76-95
 - transposition, 1 case (Durante) 34, 419, *rep.*
- see also Aorta: Artery, pulmonary
- iliac, nerve-supply (Wilde) 83, 85, *P.*
- inflammatory changes in coats of, in endarteritis obliterans (Saundby) 17, 180-7
- influence of nerves, on nutrition of (Lewaschow) 16, 144, *rep.*
- lymph, see Lymph vessels
- mesenteric, collateral circulation (Cokkinis) 63, 162, *P.*
- omphalo-mesenteric, see Vessels, (blood) vitelline
- portal (veins) of hypophysis cerebri (Harris) 84, 62-3, *P.*
- pulmonary, congenital absence, with absence of right lung and right bronchus (Findlayson) 36, xxxviii
- of rabbit's ear; innervation (Moreau) 7, 347, *rep.*; 8, 184-5, *rep.*; frog's foot, 10, 626-8, *rep.*
- renal, aberrant, 1 case (Mahon) 23, 339-40
 - abnormal (Miller) 43, i, *P.* (June 1908) (*t.o.*)
 - anomalous to pelvic kidney, 37, 308, *rep.*
- resistance, in normal and inflamed conditions (Winiwarter) 9, 228-9, *rep.* (*frog*)
- in transparent tissue, method of study in living (Caton) 5, 193-4, *rep.* (*frog, toad, tadpole, fish, newt, mouse*)
 - see also Arteries; Veins; Lymph
- Vestibule, vaginal, epithelium, human foetus (Bulmer) 92, 666, *P.*
- Vibrations, transverse, of strings, and larynx (Woods) 27, 431-5
- Vibrio, description of a species first called (Perez) 1, 367, *abs.*
- Vibrissae, development, *in vivo* and *in vitro*, mouse (Davidson & Hardy) 86, 342-56
- mystacial, blood supply, rat and cat (Scott) 89, 566, *P.*

- nerves, postnatal growth (Fitzgerald) 96, 521-5 (*pig*)
- Villi, chorionic, electron microscope study, man (Boyd & Hughes) 88, 356-62
 - formation, after experimental lesions of mucosa in small intestine, cat, (McMinn & Mitchell) 88, 99-107 (*cat*)
 - and growth of the ovum and placenta (Frazer) 59, 77-9, *S.P.*
 - intestinal, desmosomes and terminal bars in (Muir) 96, 422, *P.*
 - investigations on histology (Fles) 1, 363-4, *abs.*
- Vipera berus (viper), arteries, branchial arch, nerve supply (Boyd) 76, 248-57
- organ, vomeronasal, in and its innervation (Bellairs) 76, 167-77
- vascular pressor-receptors in (Boyd) 76, 225, *P.* (*disc. only*)
- Virus(es), action of compressed oxygen (Bert) 13, 241, *rep.*
 - septic (Davaine) 7, 359, *rep.*; (Vulpian) 7, 359, *rep.*
- Viscera, The congenital anomalies of the viscera: their embryological basis (Bremer) 1957. 92, 169, *rev.*
 - Das innere Lymphgefäßsystem der Organe (Rényi-Vámos) 1960. 95, 144, *rev.*
- abdominal, model (Birmingham) 31, ii, *P.*; 32, iii, *P.*
 - position in healthy adults (Moody) 61, 223-31; 60, 484, *P.*
 - in Propithecus (Davies) 87, 448, *P.*
 - shape (Hepburn) 33, 248-58
 - and thoracic, model of human embryo, 9 mm. (Gladstone) 63, 162, *P.*
 - effects of fixation in different postures, 14 human subjects and 1 orang (Keith) 32, 451-7; 32, xxxiii-iv, *P.*
 - form and position, of Lemurs (Patten) 34, xlvix, *P.* (July 1899)
 - in tight lacing (Duncan) 36, 93-4, *A.U.A.A.S.*
 - topography (Addison) 33, 210-12, *abs.*; 34, 427-50; 34, li-ii, *P.* (July 1899); 35, 166-204; 35, 277-304; 37, lxxvii, *P.*; 38, xxx-xlv
- of Camelopardalis (Murie) 6, 466, *rep.*
- clarification of the term (Herrick) 56, 167-76; (Dart) 56, 177-88
- of Delphinus albirostris (Cleland) 18, 327-34
- of Echinorhinus spinosus (Jackson & Clarke) 10, 75-107
- growth, effects of propylthiouracil sub-toxic doses (Asling & Harrison) 88, 579, *P.*
- of Halichoerus (grey seal) (Hepburn) part I, 30, 413-19; part II, 30, 488-501
- of hippopotamus (Clark) 7, 336, *rep.*
- hollow, preservation, demonstration of method (Dixon) 36, xxvii, *P.* (*t.o.*)
- of Hyalena striata (Young & Robinson) 23, 90-105
- inversion, 35, 499, *rep.*
- mesogastric, transposition, partial, 1 case (Brash & Stewart) 54, 276-86
- of Mesoplodon bidens (Sowerby's whale) (Turner) 20, 144-88
- of Microgale longicauda (tenrec) (Dobson) 16, 355-61
- mobility, relation to surface markings (Barclay) 69, 150-2, *P.*
- models (Parsons) 36, xlii, *P.*
 - of man and Hylobates hainanus (Hainan gibbon) (Patten) 37, lxxviii, *P.*
- pelvic, autonomic outflow (Calabrisi) 88, 569, *P.*
 - of 17-year-old female (Waldeyer) 1892. 26, 573, *rev.*
- mechanical supports (Paterson) 41, 93-108; 41 vii, *P.* (Nov. 1906)
- models (Dixon) 35, xix, *P.*

Subject Index

- Viscera, pelvic** (*cont.*)
in a 5-month pregnancy (Waldeyer) 1892. 26, 573, *rev.*
2 subjects (Symington) 34, 101-10
supports, and fasciae of pelvis and perineum, female (Cameron) 42, 438-55; (Elliot Smith) 42, 198-218; 42, 252-70
of *Phocoena communis* (porpoise) (Cleland) 18, 327-34
rhinoceros, Sumatran (Garrod) 8, 176, *rep.*
shark, Greenland (*Loemargus borealis*) 7, 233-50
and skeleton, occupational changes in, in shoemaker (Lane) 22, 593-628 (1 case)
and sternum, of Pell's owl (Murie) 6, 170-5
supports, and pelvic fasciae (Elliot Smith) part I, 42, 198-218; part II, 42, 252-70; (Cameron) 42, 438-55
thoracic, of Indian elephant (Watson) 6, 82-94
and abdominal, of lemurs, form and position (Patten) 34, xlvii-ix (July 1899)
effects of fixation in different postures, 14 human subjects and 1 orang (Keith) 32, xxxiii-iv
model of human embryo, 9 mm. (Gladstone) 63, 162, *P.*
transposition, abdominal (Pan) 60, 202-6
with absence of right kidney and suprarenal gland, 38, 363, *rep.*
associated with abnormal position of heart and great vessels (Stokes) 43, 301-7
causes, 38, 363, *rep.*
complete (Pineau) 27, 417, *rep.*; (Turner) 27, ii, *P.*; (Caton) 31, 441, (1 case); 43, 121, *rep.*; (Rahman) 51, 304-7; 51, 14, *P.* (December 1916) (*t.o.*) (1 case); (Fitzgerald) 93, 570, *P.* (1 case)
with congenital malformation of heart (Griffith) 25, xviii, *P.*
with hydrocephalus (Lamouroux) 34, 412, *rep.*
of thoracic and abdominal (Powell) 3, 456, *rep.* (*man*); 3, 456, *rep.*; (Thane) 22, xii, *P.*; (Launay) 29, 467, *rep.*
with cardio-vascular abnormalities (Griffith) 26, 117-29
in *Viverra civetta* (Chatin) 8, 176, *rep.*
Visceroptosis (Keith) 43, iii (July 1907) (*t.o.*)
estimation, and position of diaphragm (Keith) 42, 26-9
Vision, *The anatomy of the human orbit and accessory organs of vision* (Whitnall) 1922. 57, 391, *rev.*; (Whitnall) 2nd ed. 1932. 67, 190, *rev.*
binocular (Woinow) 5, 400, *rep.*
in birds (Lee) 7, 344, *rep.*
colour, binocular mixture of colours (von Bezold, Dobrowsky) 10, 204, *rep.*
in central and peripheral retina (Adámuk & Woinow) 6, 473-4, *rep.*
critical note on (Tennant) 30, 106-17
sensibility of eye to (Lamansky) 6, 225, *rep.*
topography and Förster's perimeter, 7, 344, *rep.*
Young's theory (Röhlmann) 11, 548, *rep.*
with compound eyes (Boll) 7, 179-80, *rep.*
field (Schneller) 11, 545, *rep.*
and anomalies (Schön) 9, 220, *rep.*
effects of accommodation (Woinow) 5, 399-400, *rep.*
extent of (Uschakoff) 5, 399, *rep.*
new apparatus for measuring (Scherk) 8, 400, *rep.*
normal, discontinuities (Lanchester) 68, 224-38; 68, 145-6, *P.* (*disc. only*)
purple (Boll) 11, 546, *rep.*
stereoscopic (Meulen & Dooremaal) 9, 219, *rep.*
subjective sensations of movement (Dvorak) 6, 225, *rep.*
time required for (Baxt) 6, 223-4 *rep.* (*man*); (Rood) 6, 224, *rep.*
Visual impression, permanence (Lanchester) 68, 224-38; 68, 145-6, *P.* (*disc. only*)
Visual system, *see* System(s) visual
Vital new red, *see* Stains and staining
Vitamin(s), hypervitaminosis A, experimental, cerebrospinal fluid pressure in relation to hydrocephalus in female rabbits (Millen, Woollam & Lanning) 88, 566, *P.*
maternal, treatment of hydrocephalus due to, rabbits (Millen & Dickson) 90, 599, *P.*
hypovitaminosis-A (experimental) and hydrocephaly, rabbit (Millen & Woollam) 90, 567, *P.*
teratogenic activity, protective effect of insulin (Millen & Woollam) 92, 644, *P.* (*rat*)
and thyroxine (Millen & Woollam) 93, 566, *P.* (*rat foetus*)
vitamin A, alone or combined with cortisone, administered to pregnant rats, effects on embryos (Harris) 94, 291, *P.*
local action on bone (Barnicot) 84, 374-87
deficiency, and distribution of protein-bound sulphhydryl and disulphide groups in tissues (Redfearn & Strangeways) 91, 391-7 (*rat*)
effect on median cleft of inferior jaw, mice and guinea-pigs (Giroud) 98, 686, *P.*
vitamin B complex, role in action of thalidomide in causing congenital abnormalities (Metcalf) 97, 479, *P.*
vitamin C, distribution in chick embryos (Bourne & Barnett) 74, 554-5, *P.*
partial and total and bones and muscle guinea-pigs (Murray & Kodicek) 83, 158-74; 83, 205-23; 83, 285-95
in regeneration of skull bones (Bourne) 82, 81-7 (*guinea pig*); 83, 61-2, *P.*
distribution, suprarenal gland cortex (Lever) 89, 293-300 (*rat*)
in early stages of chick embryo (Barnett & Bourne) 75, 251-64
effect on tensile strength of wounds, rabbit (Bourne) 86, 490, *P.*
vitamin E, and ovarian structure in mice (Menschik-Myszynski) 80, 223-4, *P.*
Vitreous humour, *see* Body, vitreous
Viverra civetta, myology (Devis) 2, 207-17; (Macalister) 9, 405, *rep.*; (Young) 14, 166-77
visceral anatomy of (Chatin) 8, 176, *rep.*
Viviparity, factors determining, reptiles (Weekes) 67, 194-5, *P.*
Vivisection, *Methodik der physiologischen Experimentale und Vivisectionen* (Cyon) 1876. 10, 794-6, *rev.*
Vocal apparatus, of the bird (Patten) 64, 108-9, *P.*
Voice, lingual apparatus of the organ of (Donder's) 1, 173-5, *abs.*
mechanism (Panofka) 1, 165, *rep.*
physiology (Kilian) 9, 232, *rep.*
production (Mandl) 6, 241-2, *rep.*
Vole, field, *see* *Microtus agrestis*
water, *see* *Arvicola (Microtus) amphibius*
Volvulus, of caecum, ascending colon and terminal ileum (Keith) 37, ii, *P.*
of intestine, small (Salamán) 37, ii, *P.*
Voluntary muscles, *see* Muscles, Striped
Vomer, absent, and cleft palate, 33, 517, *rep.*
development, and maxilla and paraseptal cartilages (Fawcett) 45, 378-405
relations to anterior paraseptal cartilages (Eloff) 86, 16-19
Vomit, urea in (Juventin) 9, 341, *rep.*
Vormiting, mechanism of, and stomach (Greve) 9, 237, *rep.* (*dog*)

Subject Index

- Zoohistology**, *Praktikum der vergleichenden Zoohistologie* (Lüdtke) 1963. 98, 279, *rev.*
- Zoology**, *A general zoology of the invertebrates* (Carter) 1940. 75, 143, *rev.*
- Vertebrate zoology* (de Beer) 1928. 64, 534-5, *rev.*
- Repetitorium der Zoologie* (Freye) 1963. 98, 460, *rev.*
- Grundriss der allgemeinen Zoology* (Kühn) 1931. 66, 673, *rev.*
- Zoologie biologique* (Rabaud) 1932. 66, 673, *rev.*
- The student's guide to zoology, a manual of the principles of zoological science* (Wilson) 1874. 8, 384-5, *rev.*
- invertebrates and vertebrates, *Illustrations of zoology, invertebrates and vertebrates* (Smith) 24, 1889. 613, *rev.*
- Zoophytes**, British, Observations on (Wright) 1, 332-8
- Zuckerkanal**, organs of, *see* Bodies, chromaffin, Bodies, para-aortic
- Zygaena** (shark), carotid artery in (Burne) 59, 103-4, *S.P.*
- Zygoma**, variations coincident with congenital absence (Lockhart) 63, 233-6; (Lockhart) 63, 172, *P.*
- Zygomatic bone**, division, complete, 2 cases, man, 40, 298, *rep.*
- bipartite (Barclay-Smith) 32, xl, *P.*
- with two centres of ossification (Gruber) 10, 440, *rep.*
- processus marginalis in (von Luschka) 4, 150, *rep.*; (Stieda) 5, 192, *rep.*
- description of zygomatic malar bipartite bone in man and other mammals (Gruber) 8, 158, *rep.*
- Zymogen**, pancreatic (Weiss) 11, 562, *rep.* (*dog, man*)

